
NETWORKING COMPONENTS

COAXIAL CONNECTORS

CABLE ASSEMBLIES

PRECISION TURNED PARTS

PLASTIC INJECTION MOULD PARTS

INDUSTRIAL ELECTRONICS



Coax

Product Catalogue Coaxial Connectors
Produktkatalog Koaxiale Steckverbinder



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Telegärtner

The Telegärtner Group

Telegärtner is a worldwide supplier of coaxial connectors, pre-assembled cables, networking components, precision turned parts, and plastic injection moulded parts as well as industrial electronics. Our policy is, on the one hand, to meet the highest technical demands whilst, on the other, to treat conventional requirements from our customers with an equally high level of commitment.

Be it small or large series products, Telegärtner is the ideal standard components supplier and development partner for customers who have high expectations and who are looking for the best contacts for success.

Die Telegärtner Gruppe

Telegärtner ist weltweiter Anbieter von koaxialen Steckverbindern, konfektionierten Kabeln, Netzwerk-Komponenten, Präzisions-Drehteilen und Kunststoff-Spritzgussteilen sowie für Industrie-Elektronik. Dabei werden zum einen HighTech-Ansprüche erfüllt, zum anderen auch konventionelle Kundenwünsche mit hohem Engagement bedient.

Ob für große oder kleine Serien, Telegärtner ist der ideale Standardlieferant und auch Entwicklungspartner für Kunden, die mit hohen Ansprüchen beste Verbindungen für ihren Erfolg erwarten.





Coaxial Connectors
Koaxiale Steckverbinder



Networking Components
Netzwerk-Komponenten



Cable Assemblies
Kabel-Konfektionierung



Precision Turned Parts
Präzisions-Drehteile



Plastic Injection Mould Parts
Kunststoff-Spritzgussteile



Industrial Electronics
Industrie-Elektronik



Telegärtner. Best Contacts for your Success

Utilize the Connections within the Telegärtner Group

The Telegärtner group offers you a complete and varied network of services. If you, as a customer, are already working successfully with Telegärtner in one of the following product areas, you can also profit from our outstanding performance in other areas - and exploit the resulting synergies. Please contact your authorised Telegärtner sales partner to receive additional catalogues and information material!

Coaxial Connectors

Whether you require coaxial connectors for high power transfer in the area of transmission, subminiature connectors for dense packaging, or precision connectors for laboratory equipment, Telegärtner can meet your every need with its extensive line of standard products - as well as, naturally, connectors specially designed to meet individual customer specifications.

Networking Components

Telegärtner offers an extensive line of connection components for telecommunications and data transmission technology. We can provide, on the one hand, high performance, active and passive components for transmission via copper cables and, on the other, connection and distribution components for fibre optics.

Cable Assembly

On request, Telegärtner can provide ready-to-use coaxial and other cables which we assemble ourselves. The advantage: cable-specific connectors together with reliable, low-loss RF cables. In addition to conventional coax cables, we also pre-assemble semi-rigid, semi-flex, and corrugated cables.

Precision Turned Parts

Telegärtner Gerätebau manufactures precision turned parts of the highest quality. These include form turned pieces with diameters from 10 mm to 65 mm; straight turned parts with diameters from 6 mm to 26 mm; parts made from brass, aluminium, steel, stainless steel, and other materials. Our extensive knowledge in post-processing techniques such as grinding and milling, galvanic surface treatment as well as heat treatment round off our service offerings.

Plastic Injection Mould Parts

Under the motto: "integrating ideas, reducing process costs, accelerating production", Telegärtner Kunststofftechnik brings its comprehensive know-how to bear on complex material combinations, from product development right up to series production, from multi-component injection moulding, across in-mould and MID 3D techniques, to automation and clean room technologies.

Industrial Electronics

Telegärtner Elektronik offers active/passive sub-assemblies for industrial electronics, telephone and entryway speaker systems as well as emergency call systems. We offer everything from development (hardware and software) based on customer specifications, to technical consultation and prototype testing and acceptance by the TÜV (the leading technical approval institution in Germany), up to production in small and large series. Device construction covers every aspect from PCB population and sub-assembly mounting, up to complete device manufacturing.

Telegärtner. Beste Verbindungen für Ihren Erfolg

Nutzen Sie die Verbindungen der Telegärtner Gruppe

Die Telegärtner Gruppe bietet Ihnen ein Netz an vielfältigen Leistungen. Wenn Sie als Kunde schon erfolgreich mit einem der folgenden Telegärtner Bereiche arbeiten, können Sie von unseren hervorragenden Leistungen auch in anderen Bereichen profitieren – und Synergien nutzen. Fragen Sie Ihren Telegärtner Vertriebspartner nach weiteren Katalogen und Informationen!

Koaxiale Steckverbinder

Ob Koaxiale Steckverbinder für hohe Leistungsübertragung im Sendebereich, geräteinterne Kleinst-Steckverbinder oder Präzisions-Steckverbinder für Labor-Messgeräte: Telegärtner erfüllt alle Anforderungen mit einem großen Programm aus Standardprodukten – aber selbstverständlich auch nach kundenspezifischen Vorgaben.

Netzwerk-Komponenten

Für die Fernmelde- und Datentechnik bietet Telegärtner ein großes Programm an Anschlusskomponenten. Zum einen mit leistungsstarken aktiven und passiven Bauteilen zur Übertragung via Kupferkabel. Zum anderen mit Anschluss- und Verteilerkomponenten für Lichtwellenleiter.

Kabel-Konfektionierung

Auf Kundenwunsch liefert Telegärtner einsatzbereite koaxiale und sonstige Kabel aus eigener Konfektionierung. Der Vorteil: Kabelspezifisch optimale Steckverbinder und zuverlässige, verlustarme HF-Kabel. Neben konventionellen Koax-Kabeln werden auch Semi-Rigid-, Semi-Flex- und Wellmantelkabel konfektioniert.

Präzisions-Drehteile

Telegärtner Gerätebau fertigt Präzisions-Drehteile auf höchstem Niveau. Dies umfasst Formdrehteile von Ø 10 mm bis Ø 65 mm, Langdrehteile von Ø 6 mm bis Ø 26 mm, Teile aus Messing, Aluminium, Stahl, Edelstahl u. a. Materialien. Unser breites Know-How in Bereichen der Nacharbeit, wie Fräsen und Schleifen, und galvanischer Oberflächenbehandlung sowie thermischer Behandlung rundet unser Angebot ab.

Kunststoff-Spritzgussteile

Unter dem Motto „Ideen integrieren, Prozesskosten reduzieren, schneller produzieren“ bietet Telegärtner Kunststofftechnik ein großes Sonder-Know-how für komplexe Materialkombinationen: von der Produktentwicklung bis zur Serienproduktion. Vom Mehrkomponenten-Spritzguss über Inmould- und MID 3D-Technologien bis zu Automatisierungs- und Reinraum-Technik.

Industrie-Elektronik

Telegärtner Elektronik bietet aktive/passive Baugruppen für Industrie-Elektronik, Telefon- und Türsprechanlagen sowie Notruftechnik. Von der Entwicklung (Hard- und Software) nach Kundenvorgabe über die Technische Beratung und Typenmusterabnahme durch den TÜV bis zur Fertigung in Klein- und Großserien. Der Gerätebau läuft von der Leiterplattenbestückung und Baugruppenmontage bis zur kompletten Gerätefertigung.



Telegärtner. Connectors for the Highest Demands

The Telegärtner brand stands for outstanding connectors for radio frequency technology. Our products exceed high quality demands such as low VSWR or insertion loss values. In addition to the wide range of standard types listed in this catalogue, a multitude of special designs are also available. Additional products can be - and are - developed and manufactured based on customer specifications. Simply contact us!

Telegärtner. THE Partner for Innovative Development

More than 40 years of experience; a CAD database of more than 15,000 individual components; and a pronounced customer orientation. These three factors allow us to implement customer wishes more quickly and flexibly - right up to large-scale series manufacturing. And Telegärtner engineers will find creative solutions for small series as well. The products developed with CAD are optimized in our labs with the aid of the most up-to-date measuring equipment such as network analysers and intermodulation test benches. Close co-operation with our customers is one of Telegärtner's greatest strengths. This is how optimal solutions and processes are created.

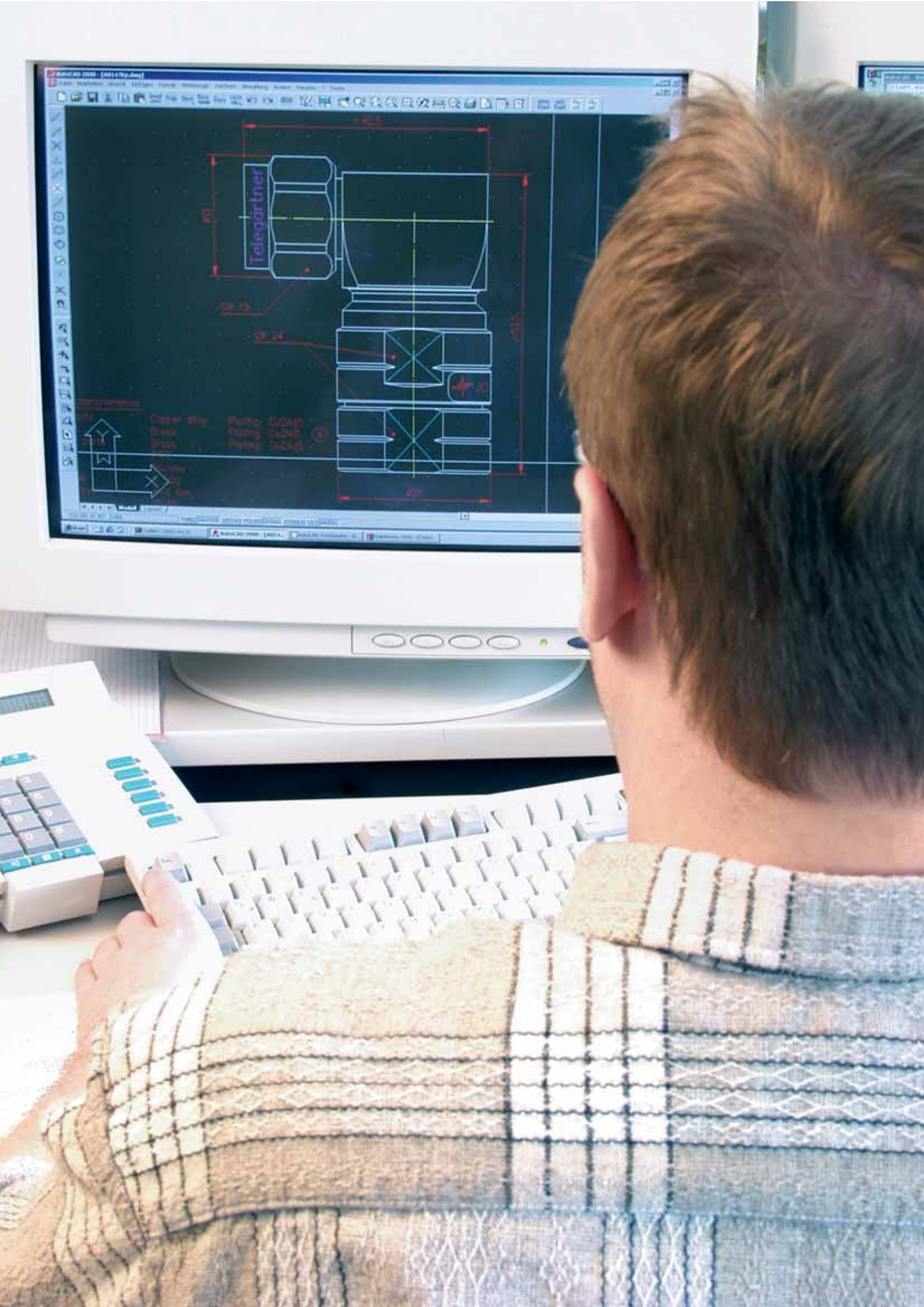
Telegärtner. Steckverbindungen für hohe Ansprüche

Die Marke Telegärtner steht für exzellente Steckverbindungen in der Hochfrequenztechnik. Die Produkte werden hohen Qualitätsansprüchen wie etwa niedrigen VSWR-, oder Einfügedämpfungswerten mehr als gerecht. Über das große Sortiment der hier im Katalog gezeigten Standardtypen hinaus sind Sondertypen in großer Vielfalt lieferbar. Weitere Produkte können nach speziellen Kundenanforderungen entwickelt und gefertigt werden. Sprechen Sie einfach mit uns!

Telegärtner. DER Partner für innovative Entwicklung

Mehr als 40 Jahre Erfahrung. Eine CAD-Datenbank mit über 15.000 Einzelteilen. Und eine ausgeprägte Kundenorientierung. Durch diese 3 Faktoren können wir Kundenwünsche schneller und flexibler umsetzen – bis zur Großserienfertigung. Die Telegärtner Ingenieure finden auch für kleine Serien kreative Lösungen. Die im CAD entwickelten Produkte werden in unseren Testlabors mit Hilfe modernster Messmittel, wie Network-Analyzer und Intermodulations-Messplätze, optimiert. Die enge Ko-operation mit unseren Kunden ist das große Plus von Telegärtner. So entstehen optimale Lösungen und Prozesse.





Telegärtner Quality

**Quality Based on ISO Standards is Good.
Telegärtner Quality is Better.**

The Telegärtner brand is known for not merely paying lip service to the concept of quality, but for going beyond standard expectations. Accordingly, we view ISO as merely a standard for quality - Telegärtner quality, on the other hand, is something we improve daily. It is with this in mind that we have instituted a comprehensive quality assurance programme, perfectly integrated, and starting from goods received, through manufacturing, up to and including shipping and maintenance. For this, a CAQ programme forms the basis for the statistical processes and process analyses. Technically, the most up-to-date measuring and testing tools such as optical and 3D measuring systems are available.

The Telegärtner Policy on Quality

The Telegärtner policy on quality is a decisive factor for our success: Our customers' success and satisfaction have the highest priority. And in this regard the decisive factor is the continuous quality consciousness exhibited by our individual employees. Our recipe for success is therefore a living policy which we practice each day. This means a continual optimisation of the TQM (Total Quality Management) strategy with the goal of a zero-error rate. Because we at Telegärtner not only seek to offer good quality - but moreover, want to be better than our competitors.



Telegärtner is DIN EN ISO 9001:2000 and DIN EN ISO 14001:2004 certified.
Telegärtner ist DIN EN ISO 9001:2000 und DIN EN ISO 14001:2004 zertifiziert.

Telegärtner Qualität

**Qualität nach ISO-Norm ist gut.
Telegärtner Qualität ist besser.**

Die Marke Telegärtner ist dafür bekannt, Qualität nicht nur nach Schema F zu erfüllen, sondern über das Maß des Üblichen hinauszugehen. Dementsprechend ist ISO für uns nur eine Norm für Qualität – die Telegärtner Qualität fügen wir täglich neu hinzu. So haben wir eine umfassende Qualitätssicherung installiert, die vom Wareneingang über die Fertigung bis zu Lieferung und Wartung perfekt ineinandergreift. Ein CAQ-Programm legt dabei die Grundlage für die statistischen Verfahren und Prozessbeurteilungen. Technisch stehen modernste Mess- und Prüfmittel zur Verfügung, wie optische und 3D-Messsysteme.

Die Telegärtner Qualitätspolitik

Entscheidend für den Erfolg ist die Telegärtner Qualitätspolitik: Oberste Priorität kommt dabei dem Erfolg und der Zufriedenheit unserer Kunden zu. Und der dafür entscheidende Faktor ist stets das Qualitätsbewusstsein der einzelnen Mitarbeiter. So heißt unser Erfolgsrezept: gelebte Praxis. Und eine kontinuierliche Optimierung der TQM (Total Quality Management) Strategie mit dem Ziel der Null-Fehler-Rate. Denn wir bei Telegärtner möchten nicht einfach nur qualitativ gut sein – sondern immer besser als unsere Mitbewerber.





Most Modern Manufacturing and Warehousing Technologies

Faster Manufacturing? We are Totally Flexible!

Telegärtner consistently directs its efforts at fast manufacturing and delivery times. The well-balanced ratio between fully automated, semi-automated, and manual manufacturing processes guarantees a high level of flexibility. Coaxial connectors are assembled by experienced and well-trained personnel using the most up-to-date automated manufacturing equipment. The latest CNC machinery is available for the manufacture of samples and prototypes.

Ordered Today. Delivered Tomorrow

24-hour delivery time ex warehouse - this is the figure against which you can measure the performance of our logistics department. We counter the growing logistical demands of a continuously expanding market with a fully automated state-of-the-art warehouse system. With more than 28,000 containers served by four shelf-service units our warehouse has more than adequate space for our comprehensive product line. This permits us to offer our customers rapid, effective logistics, sales, and delivery service - thus making a further contribution to quality.

Modernste Fertigung und Lagerlogistik

Schnellere Fertigung? Da sind wir ganz flexibel!

Telegärtner ist konsequent auf schnelle Fertigungs- und Lieferzeiten ausgelegt. Das ausgewogene Verhältnis zwischen vollautomatischer, teilautomatischer und manueller Fertigung garantiert ein hohes Maß an Flexibilität. Die Montage der koaxialen Steckverbinder wird von erfahrenem und gut geschultem Personal auf modernsten Fertigungsautomaten ausgeführt. Für den Musterbau stehen CNC-Maschinen nach neustem Stand der Technik zur Verfügung.

Heute bestellt. Morgen geliefert

24 Stunden Lieferung ab Lager – dies ist der Richtwert, an dem Sie die Leistungsfähigkeit unserer Logistik messen können. Den wachsenden logistischen Anforderungen eines stetig wachsenden Marktes begegnen wir mit einem vollautomatischen Lagersystem auf dem neuesten Stand der Technik. Dieses bietet mit mehr als 28.000 Behältern, die von vier Regalbediengeräten angesteuert werden, genügend Platz für unsere umfangreiche Produktpalette. Dadurch garantieren wir unseren Kunden einen schnellen, effektiven Logistik-, Vertriebs- und Lieferservice – und somit ein weiteres Stück an Qualität.



Designed for rapid and consistent production; automated manufacturing in Steinenbronn/Germany.
Konsequent auf schnelle Fertigungs- und Lieferzeiten ausgelegt: automatisierte Fertigung in Steinenbronn/Deutschland.

Subsidiaries and Agents

Niederlassungen und Vertretungen



The Telegärtner Group Die Telegärtner-Gruppe

The head office of the Telegärtner Group is located in Steinenbronn, Germany. Our headquarter lies in the heart of the Stuttgart industrial region from where world-renowned companies such as Mercedes-Benz, Porsche, or Bosch began their global triumphal march.

Telegärtner Germany manufactures coaxial connectors and networking components for structured cabling as well as plastic injection moulded parts in Steinenbronn. Precision turned parts and components for fibre optic technology are produced in Höckendorf (near Dresden). Finally, active and passive electronic sub-assemblies are developed and manufactured in Crailsheim. Beyond this, we also have several overseas subsidiaries.

Das Stammhaus der Telegärtner-Gruppe befindet sich in Steinenbronn, Deutschland. Es liegt im Herzen des Industrie-großraums Stuttgart, von dem aus weltbekannte Marken wie Mercedes-Benz, Porsche oder Bosch ihren globalen Siegeszug angetreten haben.

Bei Telegärtner Deutschland werden in Steinenbronn koaxiale Steckverbinder und Netzwerk-Komponenten für strukturierte Verkabelung sowie Kunststoff-Spritzgussteile gefertigt. In Höckendorf (bei Dresden) werden Präzisions-Drehteile und Komponenten für die Lichtwellenleitertechnik produziert. Und in Crailsheim aktive bzw. passive elektronische Baugruppen entwickelt und hergestellt. Hinzu kommen weitere Niederlassungen im Ausland.

Telegärtner Head Office and Worldwide Subsidiaries

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Subsidiary *Niederlassung*

Worldwide Sales Paths - Telegärtner Connects the World

Weltweite Vertriebswege – Telegärtner verbindet die Welt

Whether in Tokyo, Sao Paolo, or Sydney - Telegärtner is represented throughout the world. From A as in Athens through J as in Johannesburg, to V as in Vilnius in Lithuania. Naturally, all products comply with the applicable international standards.

Other Telegärtner Group production facilities and sales offices lie far beyond the boundaries of Germany: in China, Great Britain, Italy, Japan, USA ...

Ob Tokio, Sao Paolo oder Sydney – Telegärtner gibt auf der ganzen Welt. Von A wie Athen über J wie Johannesburg bis V wie Vilnius in Litauen. Die Produkte werden selbstverständlich den geforderten internationalen Normen gerecht.

Weitere Produktions- und Vertriebsniederlassungen der Telegärtner Gruppe gibt es weit über die Grenzen Deutschlands hinaus: in China, Großbritannien, Italien, Japan, USA ...

Technical Offices, Agents and Distributors in Germany

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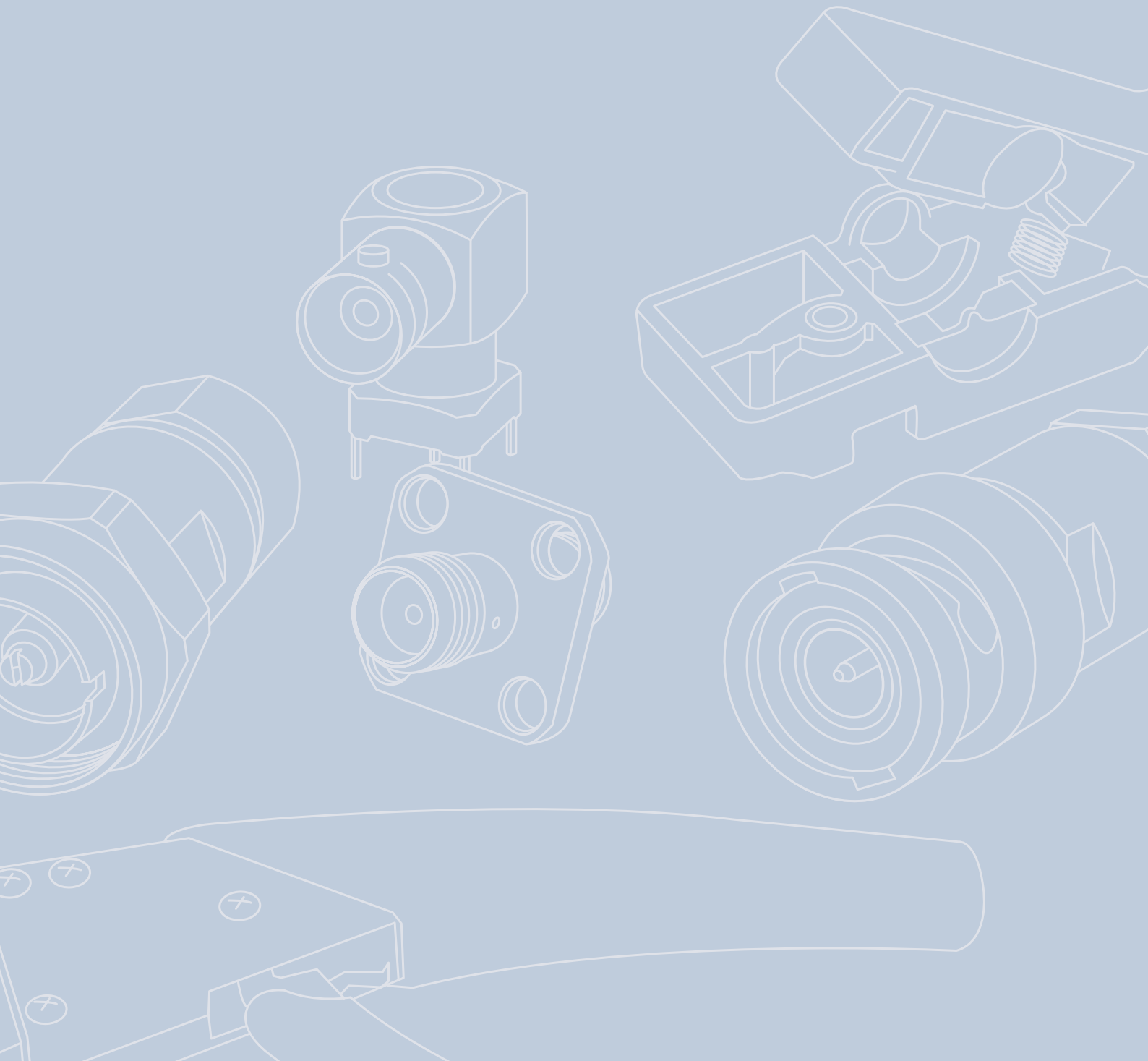
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Subsidiary *Niederlassung*

Technical Information

Technische Informationen



A. Notes for Catalogue Usage

A. Hinweise zur Benutzung des Kataloges

All electrical values, materials, and finishes mentioned are valid at the time of publication of the catalogue. However, we reserve the right to change and improve these criteria in accordance with new developments or scientific findings, and so guarantee our ability to supply products to the relative specifications.

Abbreviations:

Cable termination:

e.g.: crimp/crimp: Inner conductor crimped
Outer conductor crimped
solder/crimp: Inner conductor soldered
Outer conductor crimped

Others:

e.g.: f-m: female-male
f-m-f: female-male-female
MIL- Std.: MIL- Standard

Assembly Codes:

Mount. dim. (Z..) e.g.: Z04: mounting dimension Z04
– see chapter 21

Assembly (A., B., C., D..)

e.g.: A0805: assembly instruction A0805 Assembly instructions can be downloaded from our Product Catalogue on our website www.telegaertner.com, directly under the relevant product part number, or they can be sent on request!

Cable types/cable groups:

See explanation on the last catalogue page and information about cable group dimensions on the following pages!

Cable assemblies:

We manufacture cable assemblies according to your specification. Please use our specification form on the last page for inquiries/orders.

Terms and Conditions of Sale and Delivery:

All deliveries, services and quotations are carried out solely on the basis of our Terms and Conditions of Sale and Delivery. These can be viewed on our homepage www.telegaertner.com. If you wish, we can also send them to you as hard copy.

Page Guide/Paging:

Telegärtner connectors are available in a wide range of series. In the catalogue, a single subchapter is devoted to each of these types. Generally, although not always, a subchapter ends at the bottom of a page where an arrow will indicate whether you may need to page forward or back.

Die angegebenen elektrischen Werte, Materialien und Oberflächen stellen den heutigen Lieferbestand dar. Wir behalten uns jedoch das Recht vor diese Kriterien zu ändern und zu verbessern, sofern neue Erkenntnisse vorliegen, die ein normgerechtes Produkt gewährleisten.

Abkürzungen:

Kabelanschluss:

z.B.: crimp/crimp: Innenleiter gecrimpt
Außenleiter gecrimpt
löt/crimp: Innenleiter gelötet
Außenleiter gecrimpt

Ausführungen:

z.B.: Bu-Sti: Buchse-Stift
Bu-Sti-Bu: Buchse-Stift-Buchse
MIL- Std.: MIL- Standard

Montage-Codes:

Einbaumaß (Z..) z.B.: Z04: Einbaumaße Z04
– siehe Kapitel Montageausschnitte

Montage (A., B., C., D..)

z.B.: A0805: Montageanleitung A0805 – Montageanleitungen finden Sie zum Herunterladen im Produktkatalog auf unserer Homepage www.telegaertner.com direkt unter dem dazugehörigen Produkt oder auf Anfrage!

Kabelangaben/Kabelgruppen:

Siehe Benutzungshinweise auf der letzten Seite des Kataloges und Kabelgruppendimensionen auf den nachfolgenden Seiten!

Konfektionierte Kabel:

Konfektionierte Kabel fertigen wir auch speziell nach Ihren Anforderungen. Bitte benutzen Sie zur Anfrage / Bestellung das Spezifikationsblatt auf der letzten Seite.

Verkaufs- und Lieferbedingungen:

Sämtliche Lieferungen, Leistungen und Angebote erfolgen ausschließlich auf Basis unserer Verkaufs- und Lieferbedingungen. Diese können auf unserer Homepage www.telegaertner.com eingesehen werden. Gerne senden wir Ihnen diese auch schriftlich zu.

Seitenführung/Blättern:

Telegärtner Steckverbinder gibt es in verschiedenen Ausführungen. Diese sind im Katalog exakt in Unterkapitel gegliedert. In der Regel, aber nicht immer, schließt ein Unterkapitel am Ende einer Seite ab. Pfeile zeigen Ihnen, wo Sie gegebenenfalls vor- und zurückblättern müssen.

2.6		BNC Straight Jack BNC-Kabelbuchse	
Z04	crimp / crimp		05
Z04	crimp / crimp		05
Z04	crimp / crimp		05
		2.9	

2.6		BNC Straight Jack BNC-Kabelbuchse	
Z04	crimp / crimp		05
Z04	crimp / crimp		05
Z04	crimp / crimp		05
		2.9	

B. Conversion Table

B. Umrechnungstabelle

Reflection Behaviour in Coaxial Connectors

The reflection behaviour in coaxial connectors can be defined by Return Loss, Reflection Coefficient or Voltage Standing Wave Ratio (VSWR). The relation between these three terms is shown in the following table.

Reflexionsverhalten in koaxialen Steckverbindern

Das Reflexionsverhalten in koaxialen Steckverbindern wird mittels der Rückflusdämpfung, des Reflexionskoeffizienten oder des Stehwellenverhältnisses (VSWR) beschrieben. Das Verhältnis dieser drei Größen zueinander zeigt die nachfolgende Tabelle.

Return Loss Rückflusdämpfung	Reflection Coefficient Reflexionsfaktor	VSWR VSWR	Return Loss Rückflusdämpfung	Reflection Coefficient Reflexionsfaktor	VSWR VSWR
10	0.316	1.923	30.5	0.030	1.060
10.5	0.298	1.848	31	0.028	1.056
11	0.282	1.780	31.5	0.027	1.054
11.5	0.266	1.726	32	0.025	1.051
12	0.252	1.671	32.5	0.024	1.048
12.5	0.237	1.618	33	0.022	1.045
13	0.224	1.578	33.5	0.021	1.043
13.5	0.211	1.538	34	0.020	1.040
14	0.199	1.497	34.5	0.019	1.038
14.5	0.188	1.462	35	0.018	1.036
15	0.178	1.430	35.5	0.017	1.034
15.5	0.165	1.396	36	0.016	1.032
16	0.158	1.374	36.5	0.015	1.030
16.5	0.150	1.350	37	0.014	1.028
17	0.141	1.329	37.5	0.013	1.027
17.5	0.133	1.304	38	0.013	1.025
18	0.126	1.285	38.5	0.012	1.022
18.5	0.119	1.268	39	0.011	1.021
19	0.112	1.251	39.5	0.011	1.020
19.5	0.106	1.235	40	0.010	1.020
20	0.100	1.220	40.5	0.009	1.018
20.5	0.094	1.208	41	0.009	1.017
21	0.089	1.193	41.5	0.008	1.016
21.5	0.084	1.180	42	0.008	1.015
22	0.079	1.171	42.5	0.008	1.014
22.5	0.075	1.160	43	0.007	1.013
23	0.071	1.151	43.5	0.007	1.012
23.5	0.067	1.142	44	0.006	1.012
24	0.063	1.133	44.5	0.006	1.011
24.5	0.060	1.124	45	0.005	1.011
25	0.057	1.118	45.5	0.005	1.011
25.5	0.053	1.111	46	0.004	1.010
26	0.050	1.105	46.5	0.004	1.009
26.5	0.047	1.100	47	0.004	1.008
27	0.045	1.094	47.5	0.004	1.008
27.5	0.042	1.088	48	0.004	1.008
28	0.040	1.082	48.5	0.004	1.008
28.5	0.038	1.078	49	0.004	1.007
29	0.035	1.073	49.5	0.003	1.007
29.5	0.034	1.069	50	0.003	1.006
30	0.032	1.064			



Use also our online calculator on our homepage www.telegaertner.com - Here you can compute online the relationship of these three sizes to each other.
Errors and omissions excepted!

Nutzen Sie auch unseren Online-Kalkulator auf unserer Homepage www.telegaertner.com - Hier können Sie sich das Verhältnis dieser drei Größen zueinander online berechnen lassen. **Angaben ohne Gewähr!**

C. Popular RG Cables Specifications

C. Spezifikationen gängiger RG-Kabel

Cable Type	Imp. [Ω]	Inner Conductor			Dielectric		Outer Conductor			Cable Jacket		Atten. in dB/100m at				Cable Group
		Dia. [mm]	Constr.	Mat.	Dia. [mm]	Mat.	Number of Shields	Dia. [mm]	Mat.	Dia. [mm]	Mat.	1	2	3	5GHz	
RG-6 A/U	75 ± 3	0.73	solid	Cu	4.7	PE	single	6.2	CuS	8.45	PVC ²	38	57	72	100	
RG-8 A/U	52 ± 2	2.19	strand	Cu	7.25	PE	single	8.1	Cu	10.3	PVC ²	29		62	91	
RG-11 A/U	75 ± 3	1.2	strand	CuZ	7.25	PE	single	8.1	Cu	10.3	PVC ²	29	47	61	88	G31
RG-58 C/U	50 ± 2	0.9	strand	CuZ	2.95	PE	single	3.6	CuZ	4.95	PVC ²	55	84	102	160	G1
RG-59 B/U	75 ± 3	0.6	solid	CW	3.7	PE	single	4.5	Cu	6.15	PVC ²	44	68	88	140	G2
RG-62 A/U	95 ± 5	0.67	solid	CW	3.7	PE-Luft	single	4.5	Cu	6.1	PVC ²	33	59	64	85	
RG-71 B/U	95 ± 3	0.67	solid	CW	3.7	PE-Luft	single	5	CuZ	6.3	PVC ²	33	59	64	85	
RG-141 A/U	50 ± 2	1	solid	CWS	2.95	PTFE	single	3.6	CuS	4.8	PTFE	48	70	87	125	
RG-142 B/U	50 ± 2	0.99	solid	CWS	2.95	PTFE	double	4.2	CuS	5	FEP	48	62	78	101	
RG-174/U	50 ± 2	0.48	strand	CW	1.5	PE	single	2	CuZ	2.6	PVC ¹	95	150	180	240	G7
RG-178 B/U	50 ± 2	0.3	strand	CWS	0.87	PTFE	single	1.4	CuS	1.85	FEP	110	121	126		G3
RG-179 B/U	75 ± 3	0.3	strand	CWS	1.55	PTFE	single	2	CuS	2.5	FEP	88	106	111		G4
RG-187 A/U	75 ± 3	0.3	strand	CWS	1.52	PTFE	single	2	CuS	2.8	PTFE	98	145	180	235	G4
RG-188 A/U	50 ± 2	0.51	strand	CWS	1.52	PTFE	single	2	CuS	2.7	PTFE	93	140	170	220	G7
RG-195 A/U	95/+3	0.3	strand	CWS	2.6	PTFE	single	3.2	Cu	3.9	PTFE	76				
RG-196 A/U	50 ± 2	0.31	strand	CWS	0.86	PTFE	single	1.4	Cu	2	PTFE	170	220	285	470	G3
RG-212/U	50/+2	5	solid	Cu	15.7	PTFE	single	16.7	Cu	18.5	PTFE	32	50	67	79	92
RG-213/U ^{a)}	50 ± 2	2.25	strand	Cu	7.25	PE	single	8.1	Cu	10.3	PVC ²	27	42	57	80	
RG-214/U ^{b)}	50 ± 2	2.25	strand	CuS	7.25	PE	double	8.7	CuS	10.8	PVC ²	27	42	57	80	
RG-217/U	50/+2	2.7	solid	Cu	9.4	PE	single	11.2	Cu	13.85	PVC ²	21	34	47	58	68
RG-223/U	50 ± 2	0.89	solid	CuS	2.95	PE	double	4.2	CuS	5.4	PVC ²	49	75	95	135	G5
RG-303/U	50/+2	1.5	solid	CWS	2.95	PTFE	single	3.6	CuS	4.3	FEP	48	70	88	100	122
RG-316/U	50 ± 2	0.51	strand	CWS	1.52	PTFE	single	2	CuS	2.6	FEP	88	105	110		G7
RD-316/U	50 ± 2	0.53	strand	CWS	1.52	PTFE	double	2.5	CuS	2.9	FEP	88	105	110		G8
RG-393/U	50 ± 2	2.46	strand	CuS	7.25	PTFE	double	8.7	CuS	9.9	FEP	25	37	47	60	
RG-400/U	50 ± 2	0.99	strand	CuS	2.95	PTFE	double	4.34	CuS	4.95	FEP	50	75	95	104	G5
RG-401/U	50 ± 0,5	1.64	solid	CW	5.46	PTFE	tube	6.35	Cu			22	33	42	58	G9
RG-402/U	50 ± 1	0.91	solid	CWS	3.02	PTFE	tube	3.58	Cu			45	53	68	90	G10
RG-405/U	50 ± 1,5	0.51	solid	CWS	1.68	PTFE	tube	2.19	Cu			67	95	125	165	G11
^{a)} = Replaced RG-8 A/U ^{b)} = Replaced RG-9 B/U ^{a)} = Ersetzte RG-8 A/U ^{b)} = Ersetzte RG-9 B/U																
 Cu = copper S = silver plated Z = tinned Cu = Kupfer S = versilbert Z = verzinkt CW = copper covered steel wire PVC¹ = -40 to +80°C PVC² = -55 to +90°C CW = Kupfer beschichteter Stahldraht PVC¹ = -40 bis +80°C PVC² = -55 bis +90°C PE = -55 to +85°C PTFE = -55 to +250°C FEP = -55 to +200°C PE = -55 bis +85°C PTFE = -55 bis +250°C FEP = -55 bis +200°C Imp. = Impedance Dia. = Diameter Constr. = Construction Mat. = Material strand = Litze solid = ein massiver Innenleiter tube = Rohr																

Typical values – for exact figures please check with your cable supplier

Typische Werte – für exakte Werte kontaktieren Sie Ihren Kabellieferanten

D. Cable Group Dimensions

D. Kabelgruppendimensionen

The following table can be used to assign a previously non-listed coaxial cable to one of our cable groups (see fold-out sleeve at the back of the catalogue). Here it is necessary to check whether the outer diameters of the inner conductor, of the dielectric, of the outer conductor and of the cable outer jacket fall within the tolerances shown.

Die folgende Tabelle dient der Zuordnung von bisher nicht gelisteten Koaxialkabeln in unsere Kabelgruppen (siehe Umlapper auf der Katalogrückseite). Zur Eingruppierung ist zu prüfen, ob die Durchmesser von Innenleiter, Dielektrikum, Außenleiter und Mantel in die angegebenen Toleranzen fallen.

Cable Group (example)	Impedance [Ω]	Inner Conductor		Dielectric		1. Braid (Tube)		2. Braid		Cable Jacket	
		Dia. [mm]	Tol. [mm]	Dia. [mm]	Tol. [mm]	Dia. [mm]	Tol. [mm]	Dia. [mm]	Tol. [mm]	Dia. [mm]	Tol. [mm]
G43 (0.24/0.68)	50	0.2	+/-0.03	0.6	+/-0.1	0.9	+/-0.13			1.2	+/-0.1
G34 (UT-47)	50	0.3	+/-0.03	0.9	+0.1/-0.15	1.2	+/-0.1				
G3 (RG-178 B/U)	50	0.3	+/-0.05	0.85	+/-0.1	1.3	+/-0.15			1.9	+/-0.2
G4 (RG-179 B/U)	75	0.3	+/-0.05	1.5 *	+/-0.2	2	+/-0.2			2.7	+/-0.3
G12 (0.315/1.95-3.7)	75	0.3	+/-0.05	1.95	+/-0.1	2.4	+/-0.1	2.9	+/-0.25	3.55	+/-0.15
G13 (0.4/2.5)	75	0.4	+/-0.05	2.4 *	+/-0.25	2.85	+/-0.15			3.8	+/-0.4
G19 (PSF 1/7M)	75	0.4	+/-0.1	1.8	+/-0.1	2.2	+/-0.1			2.8	+/-0.3
G29 (0.45/1.4)	50	0.45	+/-0.03	1.4	+/-0.1	2.2 ¹⁾	+/-0.2			2.9	+/-0.2
G7 (RG-316/U)	50	0.5	+/-0.03	1.5	+/-0.15	1.95	+/-0.15			2.7	+/-0.3
G8 (RD-316)	50	0.5	+/-0.03	1.5	+/-0.15	1.95	+/-0.15	2.35	+/-0.2	3	+/-0.3
G11 (UT-85)	50	0.5	+/-0.05	1.6	+0.1/-0.05	2.2	+/-0.05				
G14 (0.5/2.0-4.6)	50	0.5	+/-0.03	2	+/-0.1	2.8 ²⁾	+/-0.1			4.6	+/-0.4
G15 (0.5/2.95)	75	0.5	+/-0.03	2.95	+/-0.1	3.95 ³⁾	+/-0.15			5	+/-0.2
G41 (0.6/2.8-4.7)	75	0.6	+0.03/-0.05	2.9 *	+/-0.15	3.5	+/-0.1			4.7	+/-0.5
G2 (RG-59B/U)	75	0.6	+/-0.1	3.4	+/-0.4	4.2	+/-0.4			6	+/-0.5
G16 (0.6/3.7D)	75	0.6	+0.05	3.75	+/-0.1	4.3	+/-0.05	4.9	+/-0.05	6.3	+/-0.3
G17 (0.8/4.9DZ)	75	0.8	+/-0.05	4.9	+/-0.15	5.7	+/-0.1	6.3	+/-0.1	7.5	+/-0.3
G35 (0.8/3.7-7.3)	75	0.8	+/-0.05	3.8 *	+/-0.08	4.4	+/-0.1			7.3	+/-0.3
G39 (0.8/3.7-6.15)	75	0.8	+/-0.05	3.8 *	+/-0.1	4.5	+/-0.1			5.9	+/-0.4
G1 (RG-58 C/U)	50	0.9	+0.1	2.9 *	+0.1/-0.3	3.6	+/-0.15			4.95	+/-0.25
G10 (UT-141)	50	0.9	+/-0.05	2.95	+/-0.05	3.5	+/-0.1				
G5 (RG-223/U)	50	0.95	+/-0.08	2.95	+/-0.1	3.6	+/-0.15	4.25	+/-0.15	5.2	+/-0.4
G6 (RG-303/U)	50	0.95	+/-0.05	2.95	+/-0.1	3.6	+/-0.15			4.3	+/-0.2
G27 (9248)	75	1	+/-0.02	4.65 *	+/-0.1	5.15	+/-0.1			6.75	+/-0.25
G44 (1.1/2.95)	50	1.1	+/-0.07	3 *	+/-0.08	3.6	+/-0.15			4.95	+/-0.25
G40 (1.2/4.9)	75	1.15	+/-0.06	5 *	+/-0.07	5.6	+/-0.1			6.8	+/-0.2
G31 (RG-11 A/U)	75	1.2	+/-0.03	7.25	+/-0.15	8	+/-0.2			10.3	+/-0.3
G32 (RG-216/U)	75	1.2	+/-0.03	7.25	+/-0.15	8	+/-0.2	8.6	+/-0.2	10.8	+/-0.3
G30 (1.5/3.8)	50	1.42	+/-0.05	3.95 *	+/-0.15	4.55	+/-0.2			5.9	+/-0.4
G9 (UT-250)	50	1.63	+/-0.05	5.3	+/-0.1	6.35	+/-0.1				
G42 (2.7/7.1)	50	2.65	+/-0.07	7.2 *	+/-0.2	7.85	+/-0.25			10.3	+/-0.3
G37 (2.7/7.25)	50	2.75	+/-0.05	7.4 *	+/-0.15	8.1	+/-0.15			10.3	+/-0.2
G46 (4.2/11.5)	50	4.2	+/-0.03	11.6 *	+/-0.15	12.5	+/-0.15			14.7	+/-0.5
G47 (4.5/11.5)	50	4.47	+/-0.05	11.7 *	+/-0.15	12.45	+/-0.15			15	+/-0.2



* Including Foil

¹⁾ Remove PVC Foil (1.8+/-0.15)

²⁾ Remove PVC Foil (2.4+/-0.1)

³⁾ Remove PVC Foil (3.2+/-0.1)

* Inklusive Folie

¹⁾ PVC-Folie entfernt (1.8 +/-0.15)

²⁾ PVC-Folie entfernt (2.4 +/-0.1)

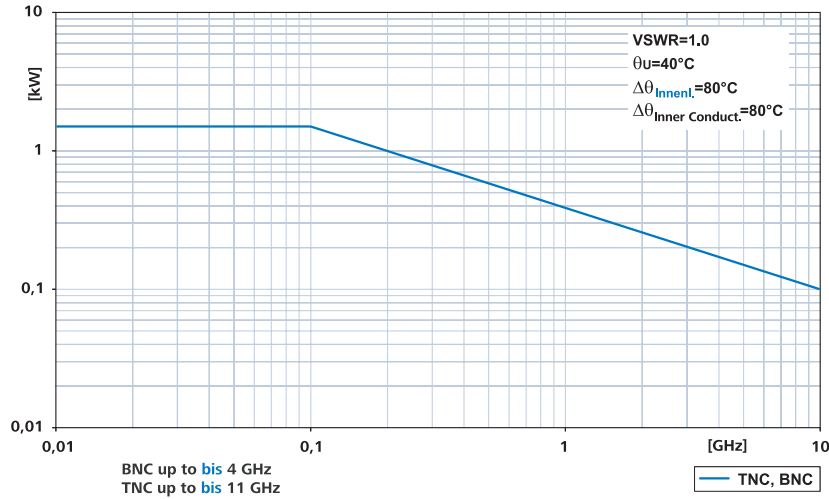
³⁾ PVC-Folie entfernt (3.2 +/-0.1)

We accept no liability for faults and errors. Irrtümer und Fehler vorbehalten.

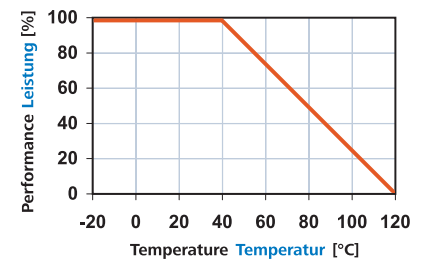
E. Performance Diagrams

E. Leistungsdiagramme

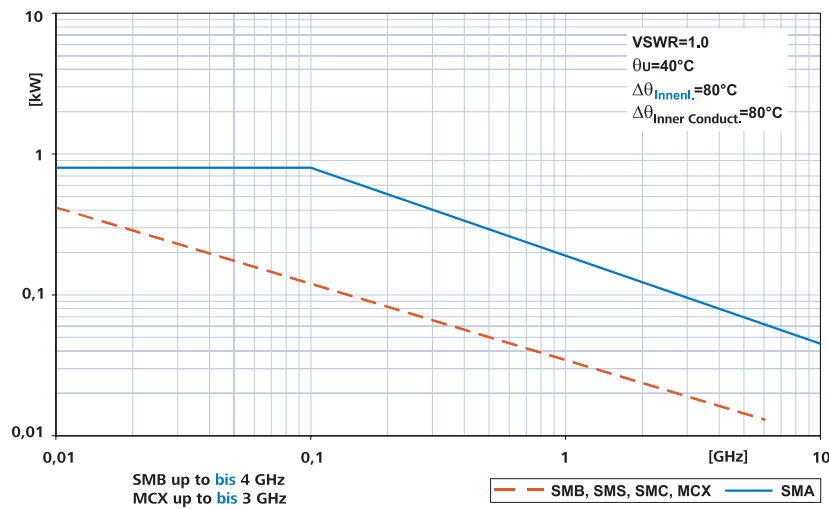
TNC, BNC



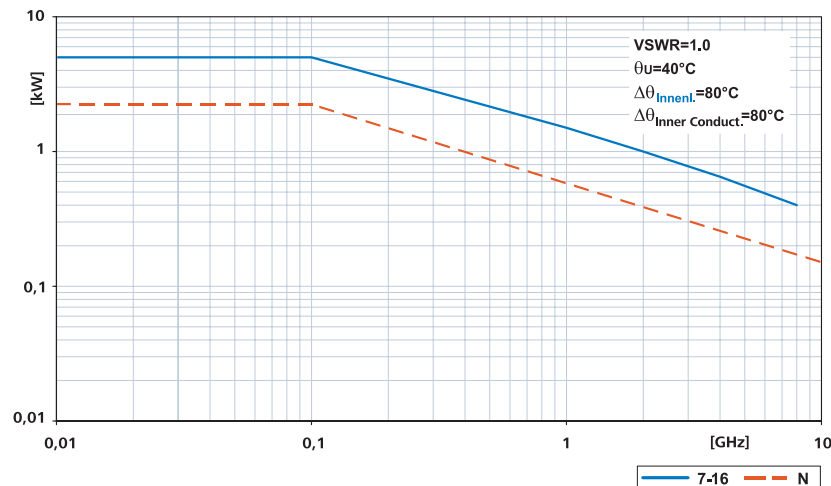
Power derating by temperature
Belastbarkeit in Abhängigkeit
der Temperatur



SMB, SMS, SMC, MCX, SMA



7-16, N



F. IP-Classification of Degree of Protection

F. IP-Kennzeichnung der Schutzgrade

The degree of protection is classified according to IEC 60529. The coding system used is the IP-Code (International Protection). The coding denotes the level of protection against the ingress of solid bodies (first code number) and the ingress of water (second code number).

Die Kennzeichnung der Schutzgrade erfolgt nach IEC 60529. Das Bezeichnungssystem, das verwendet wird ist der IP-Code (International Protection). Er gibt den Schutz durch Eindringen fester Körper (erste Kennziffer) und durch Eindringen von Wasser (zweite Kennziffer) an.

Protection against solid foreign bodies* Schutzgrade gegen feste Fremdkörper*		Protection against water* Schutzgrade gegen Wasser*	
1st Code Number Erste Kennziffer	Description Kurzbeschreibung	2nd Code Number Zweite Kennziffer	Description Kurzbeschreibung
0	No particular protection <i>Nicht geschützt</i>	0	No particular protection <i>Nicht geschützt</i>
1	Protection against ingress of solid foreign bodies with a diameter of 50 mm or more <i>Geschützt gegen feste Fremdkörper 50 mm Durchmesser oder größer</i>	1	Protection against dripping water <i>Geschützt gegen Tropfwasser</i>
2	Protection against ingress of solid foreign bodies with a diameter of 12.5 mm or more <i>Geschützt gegen feste Fremdkörper 12,5 mm Durchmesser oder größer</i>	2	Protection against vertically dripping water. There must be no harmful effect on materials tipped (in a container) up to 15° from its normal position. <i>Geschützt gegen Tropfwasser, wenn das Gehäuse bis zu 15° geneigt ist</i>
3	Protection against ingress of solid foreign bodies with a diameter of 2.5 mm or more <i>Geschützt gegen feste Fremdkörper 2,5 mm Durchmesser oder größer</i>	3	Protection against fine water spray <i>Geschützt gegen Sprühwasser</i>
4	Protection against ingress of solid foreign bodies with a diameter of 1.0 mm or more <i>Geschützt gegen feste Fremdkörper 1,0 mm Durchmesser oder größer</i>	4	Protection against water spray <i>Geschützt gegen Spritzwasser</i>
5	Dust protected <i>Staubgeschützt</i>	5	Protection against water jet <i>Geschützt gegen Strahlwasser</i>
6	Dust-proof <i>Staubdicht</i>	6	Protection against strong water jet <i>Geschützt gegen starkes Strahlwasser</i>
		7	Protection against water, when the material is immersed in water <i>Geschützt gegen die Wirkungen beim zeitweiligen Untertauchen in Wasser</i>
		8	The material is suitable for continuous submersion in water. Must be agreed between customer and supplier. <i>Geschützt gegen die Wirkungen beim dauernden Untertauchen in Wasser. Wird zwischen Kunden und Lieferanten vereinbart.</i>

* Definitions see IEC 60529 * Definitionen siehe IEC 60529

Example of Classification in Accordance with the IP Code

Bezeichnungsbeispiel mit dem IP-Code

■ Code Letter	Code Buchstaben	IP
■ 1st Code Number	Erste Kennziffer	6
■ 2nd Code Number	Zweite Kennziffer	7

A housing with **IP** Classification

6 - No ingress of dust

7 - When subjected to submersion in water at a defined pressure and for a defined length of time, the ingress of water must be so restricted that no damage is caused. Submersion Bath: Water level above the enclosure: 0.15 m measured from the top of the enclosure, 1.0 m measured from the bottom of the enclosure. Duration of Test: 30 mins.

Telegärtner Specification IP68 for SIMFix® Connectors: height of water level: 25 m: is equivalent to 2.5 bar; duration of test: 24 hrs.

Ein Gehäuse mit der **IP**-Bezeichnung:

6 - Kein Eindringen von Staub.

7 - Wasser darf nicht in einer Menge eintreten, die schädliche Wirkungen verursacht, wenn der Prüfling unter genormten Druck- und Zeitbedingungen zeitweilig in Wasser untergetaucht ist.

Tauchbecken: Wasserstand über dem Gehäuse: 0,15 m ab Oberkante, 1 m ab Unterkante Prüfdauer: 30 min

Telegärtner Spezifikation IP68 für SIMFix® - Steckverbinder: Höhe der Wassersäule 25 m - entspricht 2,5 bar, Prüfdauer: 24 h.

G. Impermeability of Coaxial Connectors

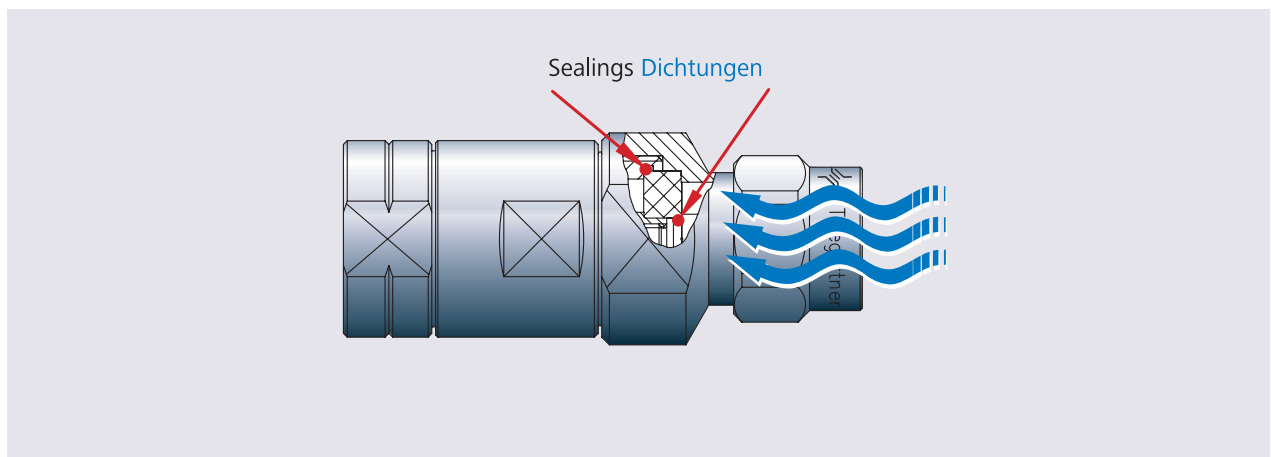
G. Dichtigkeit von Koaxialsteckverbinder

When discussing protection against ingress, it is necessary to differentiate between barrier sealing, mating-face sealing and panel sealing.

Bei der Dichtigkeit wird unter Längsdichtigkeit, Querdichtigkeit und Einbaudichtigkeit unterschieden.

1. Barrier Sealing

1. Längsdichtigkeit

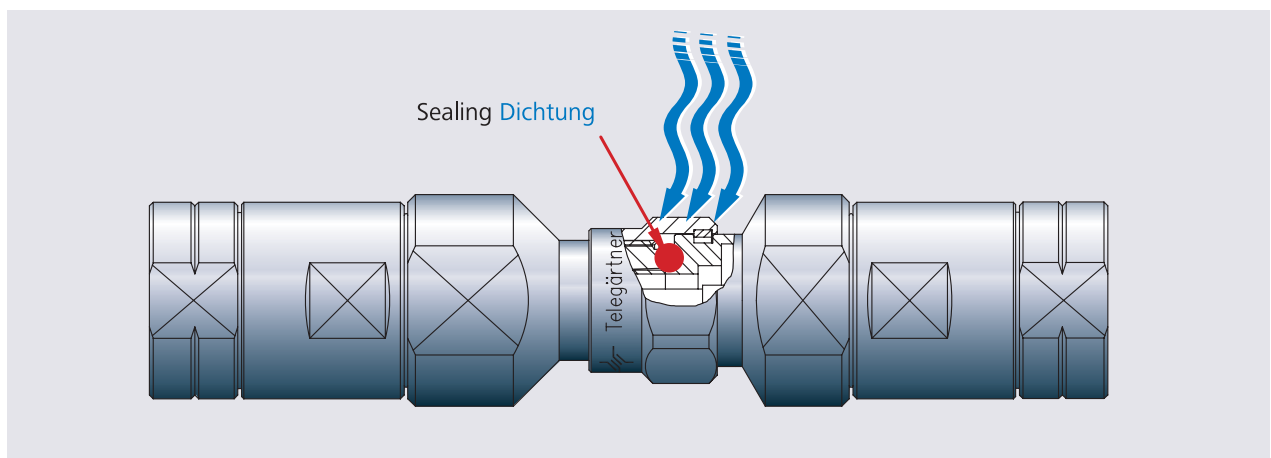


This sealing prevents the passage of gases or moisture between the insulators, the inner and outer conductors, and the connector body.

Der Durchgang von Gasen oder Feuchtigkeit im Steckverbinder in axialer Richtung wird verhindert.

2. Mating Face Sealing

2. Querdichtigkeit im Steckgesicht

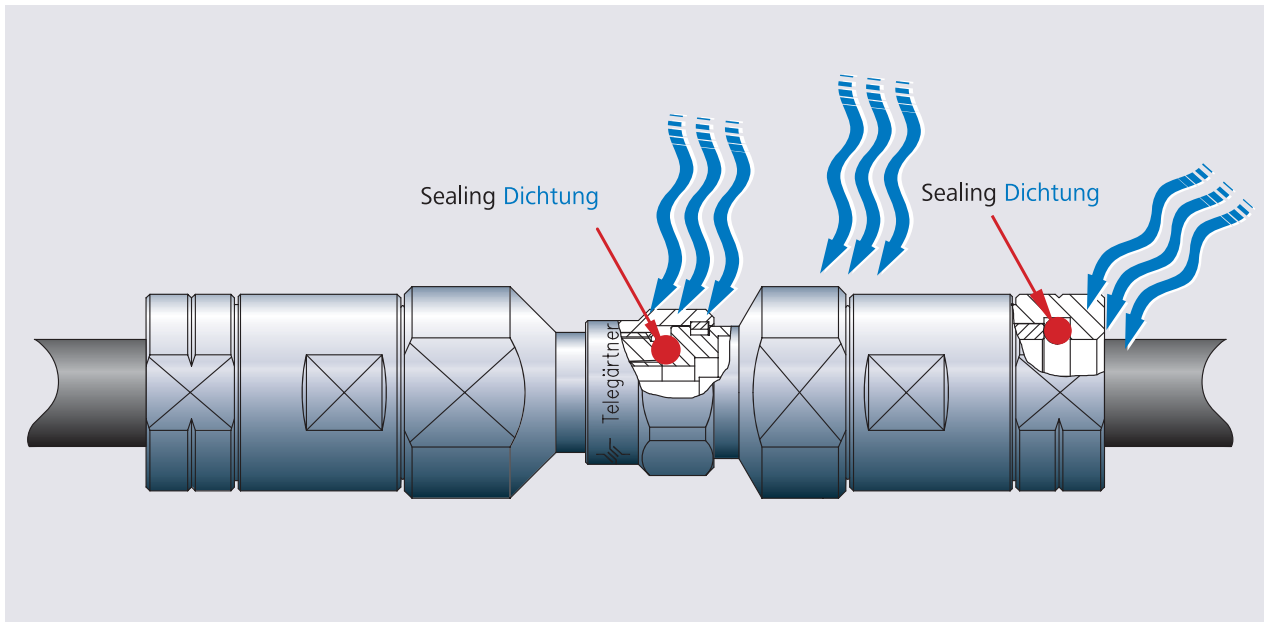


The sealing describes the prevention of gas or moisture ingress into the interface of two mated connectors.

Beschreibt das Abdichten an der Steckstelle, welche das Eindringen von Gasen oder Feuchtigkeit in den Hohlraum der Steckstelle bei gekuppelter Verbindung verhindert.

3. Complete Sealing of a Connector System

3. Querdichtigkeit des Stecksystems

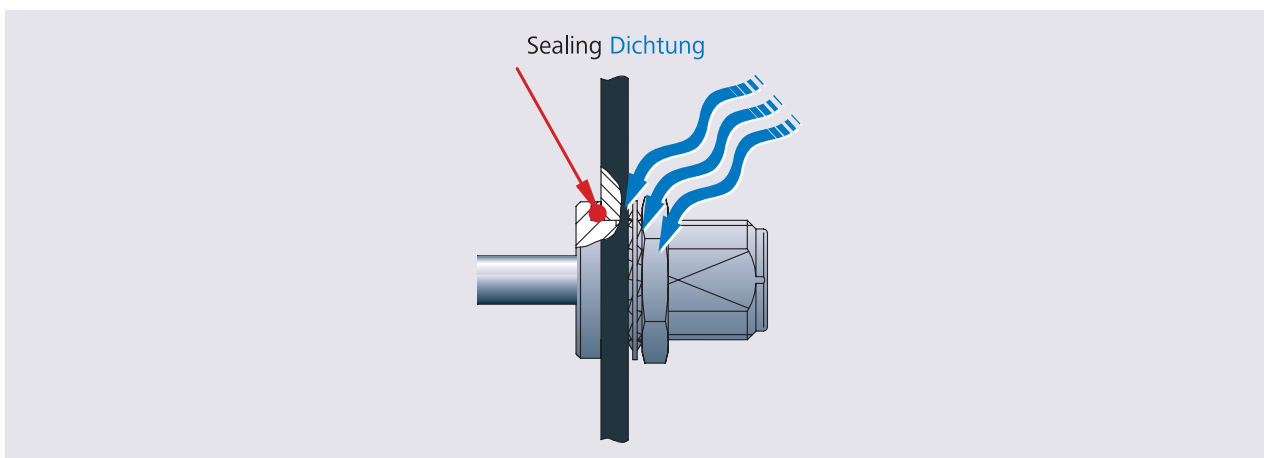


This describes the prevention of gas or moisture ingress at any given point over the whole length of a mated connector system (consists of plug, jack, cable).

Beschreibt das Abdichten des gesamten Stecksystems, welche das Eindringen von Gasen oder Feuchtigkeit in die Steckverbindung an beliebiger Stelle im gekuppelten Zustand verhindert.

4. Panel Sealing

4. Einbaudichtigkeit



This describes the prevention of gas or moisture ingress through a gap between the connector body and the panel mounting hole.

Das Eindringen von Gasen oder Feuchtigkeit über den Spalt zwischen dem eingebauten Steckverbinder und der Gehäusebohrung wird verhindert.

H. Tape-and-Reel Packaging

H. Blistergurtverpackung

We can supply RF connectors from the series 1.6/5.6, SMA, SMB, SMC, SMS, SSMB, MCX and MMCX in tape-and-reel packaging, if requested. The packaging conforms to DIN IEC 286, or to customer specific requirements. The packaging material is Polystyrol. Depending on the size and/or the positioning of the connector, between 100 and 2000 pieces can be tape-and-reel packaged on reels of either 330 mm or 560 mm diameter.

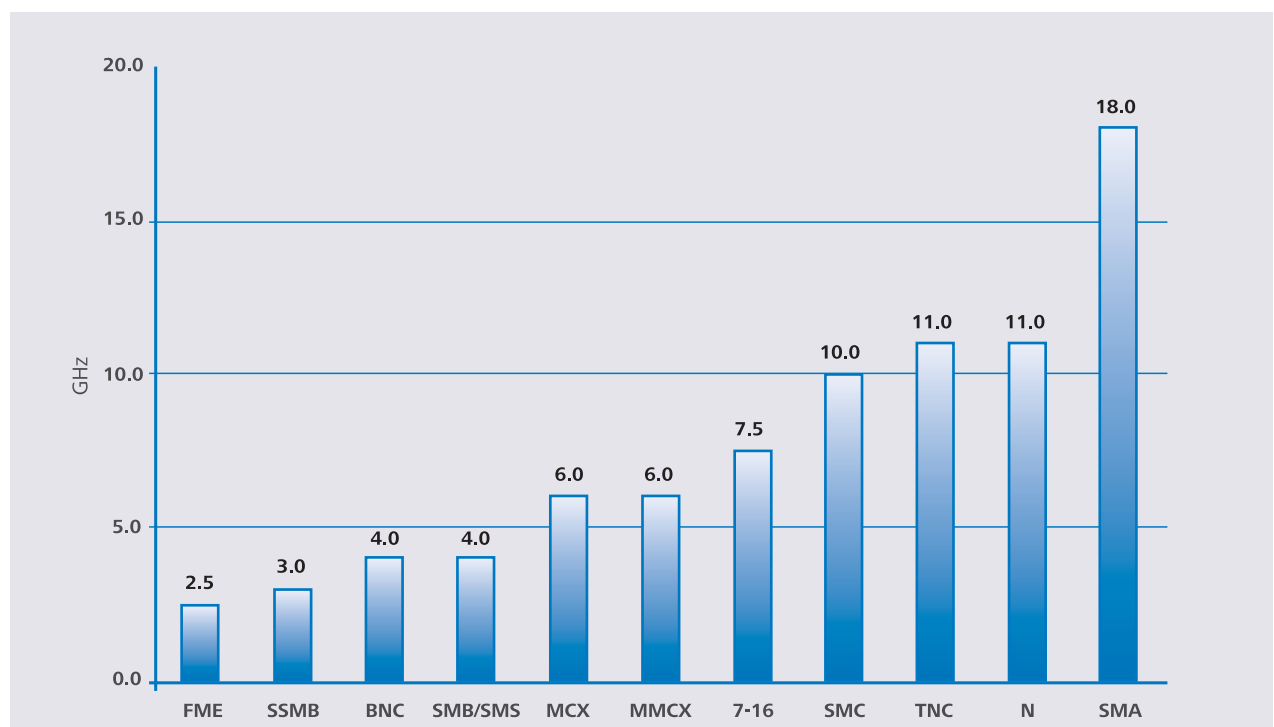
Auf Wunsch können wir Ihnen unsere Steckverbinder aus den Serien 1.6/5.6, SMA, SMB, SMC, SMS, SSMB, MCX und MMCX gegurtet liefern. Die Gurtung erfolgt gemäß DIN IEC 286 oder nach Ihren speziellen Anforderungen. Das verwendete Gurtmaterial besteht aus Polystyrol. Eine Spule kann - je nach Größe und Lage des Steckverbinders - mit 100 bis 2000 Steckverbindern bestückt werden, wobei Sie zwischen zwei Spulendurchmessern (330 mm und 560 mm) wählen können.



Example: Reel containing tape with MMCX Angle Jack
Beispiel: Spule bestückt mit gegurteten MMCX- Winkelbuchsen

I. Frequency Range (acc. to standard) of RF Connector Series

I. Frequenzbereiche (nach Norm) von HF-Steckverbinderserien



J. Recommended Torques for Panel Mounting*

J. Empfohlene Anzugsmomente für den Einbau in Gehäuse*

Series Serie	Thread Gewinde	Torque Anzugsmoment	Outer diameter of thread Gewindeaußendurchmesser
BNC, TNC	3/8-32 UNEF	2.5 Nm	9.53 mm
BNC, TNC	1/2-28 UNEF	3 Nm	12.70 mm
N, UHF	5/8-24 UNEF	10 Nm	15.88 mm
Mini-UHF	3/8-24 UNF	2.5 Nm	9.53 mm
FME	7/16-28 UNEF	3 Nm	11.11 mm
SMA	1/4-36 UNS	2.5 Nm	6.35 mm
SMB, SMC, SMS	10-32 UNF	1 Nm	4.83 mm
SSMB	6-40 UNF	50 Ncm	3.50 mm
MCX	10-56 UNS	1 Nm	4.83 mm
MMCX	M3.5x0.35	50 Ncm	3.50 mm
1.6/5.6	M9x0.5	2.5 Nm	9.00 mm
7-16	M29x1.5	20-25 Nm	29.00 mm

*Not valid for plastic types.

*Nicht gültig für Kunststoff-Ausführungen.

K. Unit Conversion (millimeter - inch; meter - foot)

K. Einheitenumrechnung (Millimeter - Zoll; Meter - Fuß)

The following table shows calculation formulas for converting metric units into US units (SAE) and vice versa.

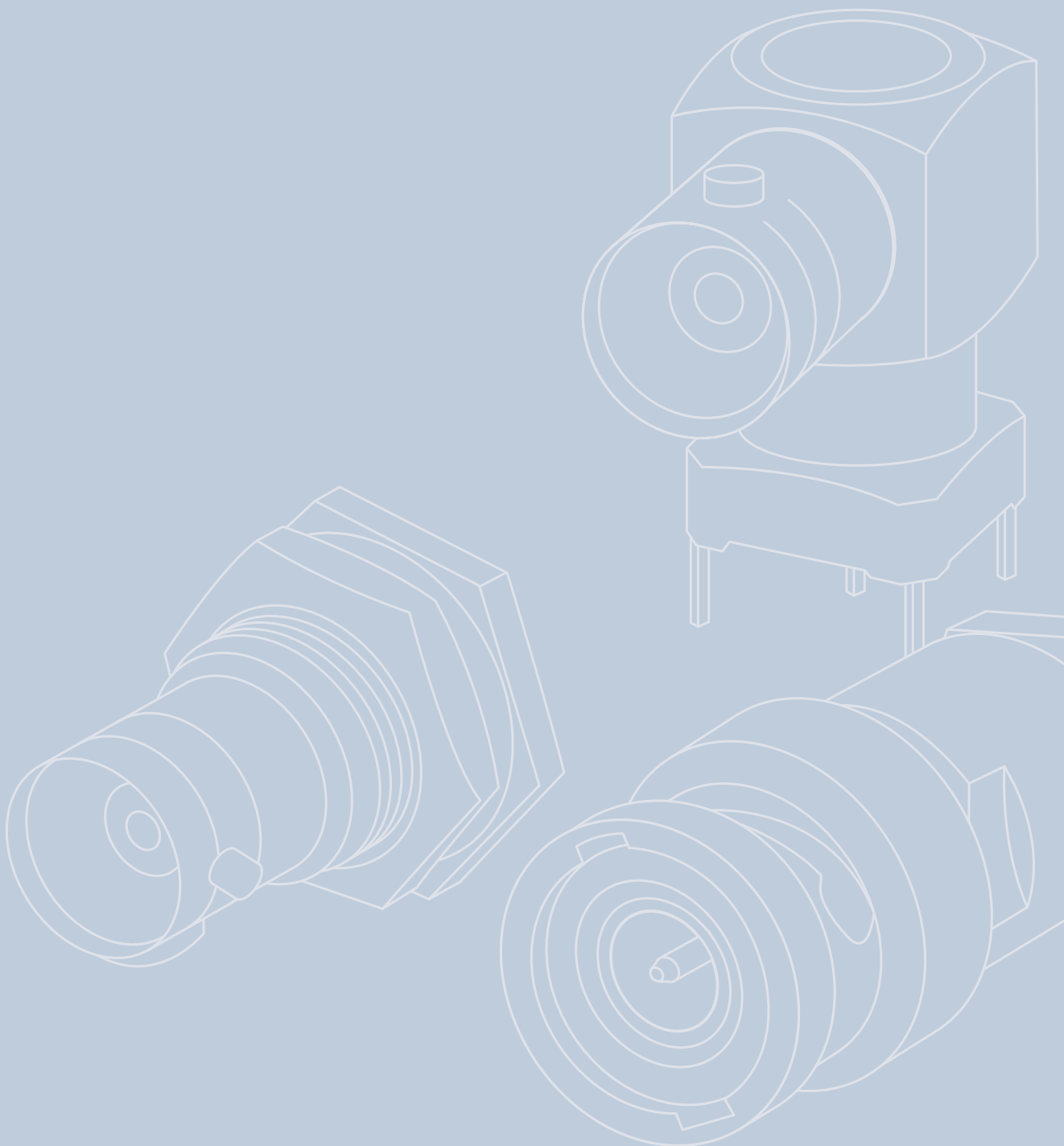
Die nachfolgende Tabelle enthält Berechnungsformeln für die Umrechnung metrischer Einheiten in US-amerikanische Einheiten (SAE) und umgekehrt.

Multiply Multipliziere	by mit	Result Ergebnis
inches (Zoll)	x 25.4	= mm (Millimeter)
feet (Fuß)	x 0.3048	= m (Meter)

Multiply Multipliziere	by mit	Result Ergebnis
mm (Millimeter)	x 0.03937	= inches (Zoll)
m (Meter)	x 3.281	= feet (Fuß)

1

BNC
BNC



BNC BNC

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The BNC series is the most commonly used coax connector. With the bayonet coupling this connector can be used up to 4 GHz. Both 50 and 75 ohm impedances are available. Connector styles are available for flexible, conformable and semi-rigid cable types. Versions of the BNC connector are available for mounting to printed circuit boards using both through-hole soldered and through-hole press-fit techniques. Both crimp and clamp cable termination processes are used for this series. Applications for BNC connectors vary from signal, data and video transmission.

Mating face sealing for BNC connectors between plug and jack (mated) according to IP 54. This classification is a general statement for the relevant series. Individual connectors may deviate from the values shown. If in doubt, please consult our engineers.

Die Serie BNC umfasst die am häufigsten verwendeten koaxialen Steckverbindungen, die bis zu einer Frequenz von 4 GHz eingesetzt werden. Sie verfügen über einen Bayonettverschluss und werden in den Ausführungen mit 50 Ohm und 75 Ohm Wellenwiderstand angeboten. Steckverbindervarianten gibt es für flexible, Semi-Flex- und Semi-Rigid-Kabel. Die Leiterplattensteckverbinder der Serie BNC sind als Löt- bzw. Einpresstypen erhältlich. Kabel werden je nach Ausführung durch Crimpen, Klemmen oder Löten angeschlossen. Die Steckverbinder der Serie BNC werden in der Signal-, Daten- und Videoübertragung eingesetzt.

Diese Steckverbinder erfüllen die Querdichtigkeit im Steckgesicht zwischen Stecker und Buchse im gesteckten Zustand gemäß IP 54. Diese Schutzklasse ist pauschal für die Serie BNC festgelegt worden. Für einzelne Steckverbindungen kann es zu Abweichungen kommen. Im Zweifelsfall bitte anfragen.

Mechanical Characteristics

Durability (mating cycles)	≥ 500	Lebensdauer (Steckungen)
Material: Spring contacts	CuBe2; CuPb1.15Ni1(C97)	Werkstoff: Federnde Kontaktteile
Material: Outer conductor	CuZn39Pb3	Werkstoff: Außenleiter
Material: Other metal parts	CuZn39Pb3	Werkstoff: Sonstige Metallteile
Material: Insulators	PTFE; PE	Werkstoff: Isolierteile
Material: Gaskets	Silicon	Werkstoff: Dichtungen
Finish: Inner conductor	Cu1Ni2Au0.8	Oberfläche: Innenleiter
Finish: Outer conductor	Cu2Ni5	Oberfläche: Außenleiter
Finish: Other metal parts	Cu2Ni5	Oberfläche: Sonstige Metallteile

Mechanische Eigenschaften

Climatic Characteristics

Climatic category acc. to IEC 68 - 1		Prüfklasse nach DIN IEC 68 Teil 1
Types with PTFE insulator	40/155/21	Typen mit PTFE Isolierung
Types with PE insulator	40/75/21	Typen mit PE Isolierung

Thermische und klimatische Eigenschaften

Electrical Characteristics

Contact resistance inner conductor	≤ 20 mΩ	Durchgangswiderstand Innenleiter
Contact resistance outer conductor	≤ 5 mΩ	Durchgangswiderstand Außenleiter
Insulation resistance	≥ 5 GΩ	Isolationswiderstand
Voltage proof	1.5 kV _{eff} /50 Hz	Spannungsfestigkeit
Impedance	50 Ω/(75 Ω)	Wellenwiderstand
Return loss: Straight style	≥ 20 dB/3 GHz (50 Ω types)	Rückflussdämpfung: Gerade Ausführung
Return loss: Angle style	≥ 17.7 dB/3 GHz (50 Ω types)	Rückflussdämpfung: Winkel Ausführung
Working voltage	≤ 500 V _{eff} /50 Hz	Betriebsspannung
Frequency range up to	4 GHz	Frequenzbereich bis

Elektrische Eigenschaften

Standards

IEC 60 169-8

Normen

IEC 60 169-8

The Return Loss values shown above correspond to the IEC standard 60 169-8. In most cases, the RF connectors from Telegärtner fulfill or exceed these requirements. Depending on the design and cable type, however, particular connectors could deviate from the norm. The exact parameters of individual products are available upon request.

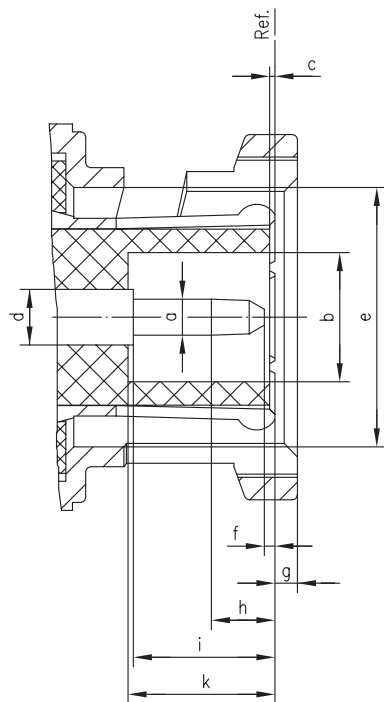
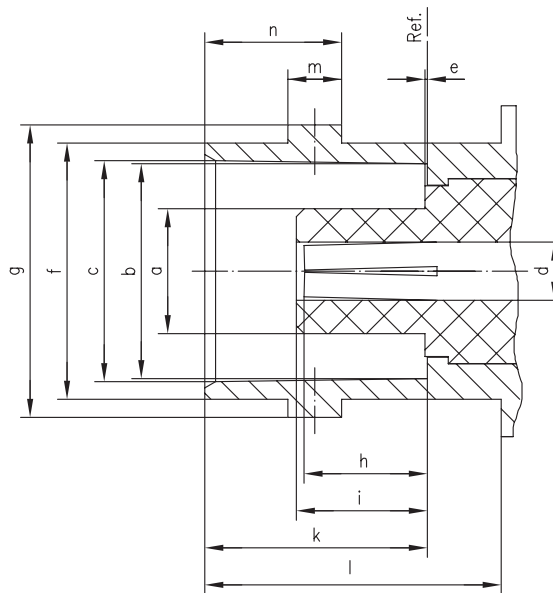
Die oben angeführten Rückflussdämpfungswerte entsprechen der IEC-Norm 60 169-8. Die Telegärtner-Steckverbinder erfüllen oder übertreffen in den meisten Fällen diese Normwerte. Je nach Ausführung und Kabeltype können einzelne Steckverbinder jedoch abweichen. Die genauen Parameter der einzelnen Produkte sind auf Anfrage erhältlich.

Note

Combination connectors and cable clamps can be utilised to create a further number of BNC connector variations.

Hinweis

Weitere BNC-Steckverbindervarianten können durch die Kombination von Normköpfen und Kabelabfangungen zusammengestellt werden.

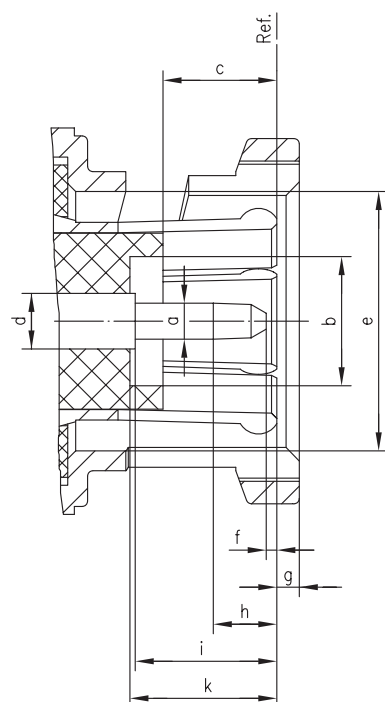
BNC 50 Ohm Mating Face
BNC 50 Ohm Steckgesicht**Plug**
Stecker**Jack**
Buchse

	[mm]		[inch]	
	min.	max.	min.	max.
a	1.32	1.37	0.052	0.054
b	4.83	-	0.190	-
c	0.15	-	0.006	-
d	2.06	2.21	0.081	0.087
e	9.78	9.91	0.385	0.390
f	0.08	1.02	0.0003	0.004
g	1.44	1.44	0.057	0.057
h	1.96	3.05	0.077	0.120
i	5.33	-	0.210	-
k	5.28	5.79	0.208	0.228

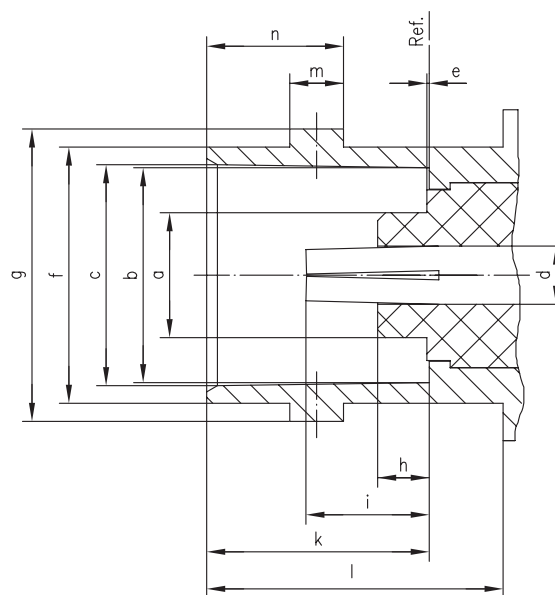
	[mm]		[inch]	
	min.	max.	min.	max.
a	-	4.72	-	0.186
b	8.10	8.15	0.319	0.321
c	8.31	8.46	0.327	0.333
d	1.88	2.29	0.074	0.090
e	-	0.15	-	0.006
f	9.60	9.70	0.378	0.382
g	10.97	11.07	0.432	0.436
h	4.55	5.23	0.179	0.206
i	-	5.28	-	0.208
k	8.31	8.51	0.327	0.335
l	10.52	8.51	0.414	-
m	1.91	2.05	0.075	0.081
n	5.18	5.28	0.204	0.208

BNC 75 Ohm Mating Face BNC 75 Ohm Steckgesicht

**Plug
Stecker**

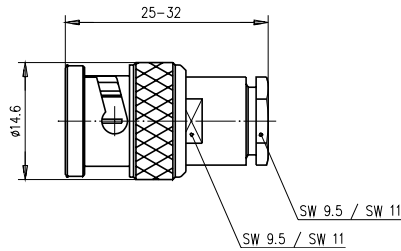


**Jack
Buchse**

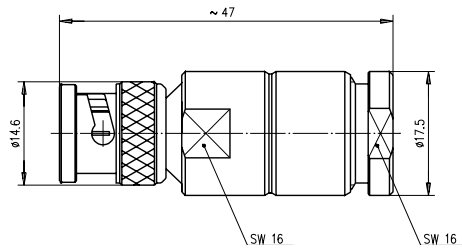


	[mm]		[inch]	
	min.	max.	min.	max.
a	1.32	1.37	0.052	0.054
b	4.83	-	0.190	-
c	4.30	5.30	0.169	0.208
d	2.06	2.21	0.081	0.087
e	9.78	9.91	0.385	0.390
f	0.08	1.02	0.0003	0.004
g	1.44	1.44	0.057	0.057
h	-	3.86	-	0.152
i	5.33	-	0.210	-
k	5.28	5.79	0.208	0.228

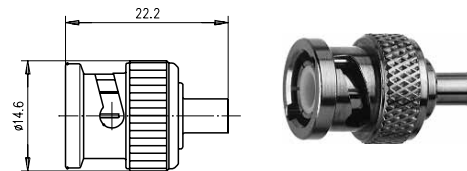
	[mm]		[inch]	
	min.	max.	min.	max.
a	-	4.72	-	0.186
b	8.10	8.15	0.319	0.321
c	8.31	8.46	0.327	0.333
d	1.88	2.29	0.074	0.090
e	-	0.15	-	0.006
f	9.60	9.70	0.378	0.382
g	10.97	11.07	0.432	0.436
h	-	2.30	-	0.091
i	4.72	5.23	0.186	0.206
k	8.31	8.51	0.327	0.335
l	10.52	8.51	0.414	-
m	1.91	2.05	0.075	0.081
n	5.18	5.28	0.204	0.208

BNC Straight Plug
BNC-Kabelstecker

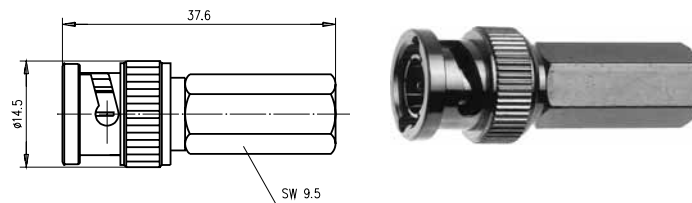
Order no.	Z	Cable group; cable	Remarks	Assembly	MIL-Std.
Bestell-Nr.	Z	Kabelgruppe; Kabel	Anmerkungen	Montage	MIL-Std.
J01000A0606	50	G7 (RG-316/U)	pressure sleeve Druckverschraubung	A03	-
J01000A0608	50	G1 (RG-58C/U); 1.0/2.95 AF	pressure sleeve Druckverschraubung	A01	UG-88/U
J01000B0608	50	G1 (RG-58C/U); G5 (RG-223/U); RG-141A/U; RG-142B/U; 1.0/2.95 AF	MIL-clamp MIL-Verschraubung	A02	UG-88C/U
J01000F0608	50	G1 (RG-58C/U)	pressure sleeve; Low cost Druckverschraubung; Low Cost	A16	UG-88/U
J01000A1321	50	G3 (RG-178B/U)	pressure sleeve Druckverschraubung	A03	-
J01002A0001	75	G27 (9248)	pressure sleeve Druckverschraubung	A02	-
J01002A0609	75	G2 (RG-59B/U)	pressure sleeve Druckverschraubung	A01	UG-260/U
J01002F0609	75	G2 (RG-59B/U)	pressure sleeve; Low cost Druckverschraubung; Low Cost	A16	UG-260/U
J01002A1215	75	G2 (RG-59B/U)	MIL-clamp MIL-Verschraubung	A02	UG-260 A/U
J01002A1216	75	G2 (RG-59B/U); RG-71 B/U; RG-62A/U	MIL-clamp MIL-Verschraubung	A02	UG-260 B/U
J01002A1323	75	G4 (RG-179B/U)	pressure sleeve Druckverschraubung	A03	-



Order no.	Z	Cable group; cable	Remarks	Assembly	MIL-Std.
Bestell-Nr.	Z	Kabelgruppe; Kabel	Anmerkungen	Montage	MIL-Std.
Druckverschraubung					
J01002A1940	75	G31 (RG-11A/U); G32 (RG-216/U); 7731A; 1.6/7.3 AF	pressure sleeve Druckverschraubung	A05	-



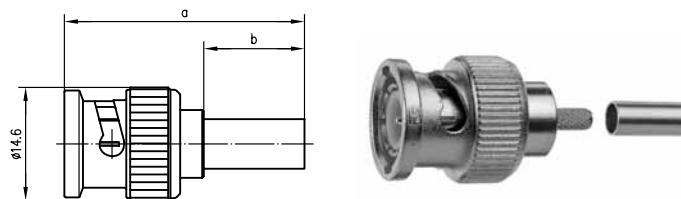
Order no. Bestell-Nr.	Z	Cable group; cable Kabelgruppe; Kabel	Assembly Montage
J01000A0026	50	G11(UT-85)	A17
J01000A0027	50	G10 (UT-141)	A12



Order no. Bestell-Nr.	Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01002A0015	75	G2 (RG-59B/U)	Twist on	A13

BNC Straight Plug Crimp
BNC-Kabelstecker Crimp

	Basic	Standard	Professional	MIL
Mechanical Characteristics Mechanische Eigenschaften Mating cycles (gold plating inner conductor) Steckzyklen (Goldalage Innenleiter)	100 (0.2 µm)	100 (0.8 µm)	1000 (0.8 µm)	2000 (1.27 µm)
Climatic Characteristics Klimatische Eigenschaften Temperature range Temperaturbereich	-40/75		-65/165	
Materials Werkstoffe Bayonet (Coupling nut) Bajonetthülse Outer conductor Außenleiter Coupling spring Federscheibe Inner conductor Innenleiter Crimp ferrule Crimprohr	zinc die cast Zinkdruckguss brass Messing copper beryllium Kupferberyllium copper beryllium Kupferberyllium copper Kupfer			brass Messing brass Messing copper beryllium Kupferberyllium brass Messing copper Kupfer
Insulator Isolierung	PE-LD		PTFE	
Finish Oberfläche Bayonet (Coupling nut) Bajonetthülse Outer conductor Außenleiter Inner conductor Innenleiter Crimp ferrule Crimprohr	Nickel Nickel Gold Nickel			
Electrical Characteristics Elektrische Eigenschaften Contact resistance Durchgangswiderstand Inner conductor Innenleiter Outer conductor Außenleiter	initial im Neuzustand $\leq 0.9 \text{ m}\Omega$ $\leq 0.2 \text{ m}\Omega$			
Insulation resistance Isolationswiderstand Voltage proof Spannungsfestigkeit Impedance Wellenwiderstand Working voltage Betriebsspannung Frequency range Frequenzbereich VSWR	5 GΩ 1.5 kV 50 Ω / 75 Ω 500 V _{eff} /50 Hz 4 GHz $\leq 1.25/1 \text{ GHz (50 } \Omega)$			



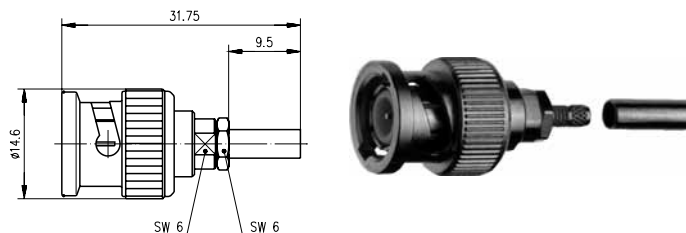
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz	MIL-Std. MIL-Std.
J01000A0042	50	G7 (RG-136/U); G29 (0.45/1.4)	crimp/crimp; Professional	-	A2616	N01001A0009	-
J01000A0043	50	G8 (RD-316)	crimp/crimp; Professional	a=29, b=9.5	A2620	N01001A0014	-
J01000A1255	50	G1 (RG-58C/U); YR23092 Belden	crimp/crimp; Professional	a=31, b=13	A0205	N01001A0005	UG-1785/U
J01000F1255	50	G1 (RG-58C/U); YR23092 Belden	crimp/crimp; Standard	a=31, b=13	A0205	N01001A0005	-
J01000L1255	50	G1 (RG-58C/U); YR23092 Belden	crimp/crimp; Basic	a=28, b=13	A2805	N01001A0005	-
J01000M1255	50	G1 (RG-58C/U); YR23092 Belden	crimp/crimp; MIL	a=31, b=13	A0205	N01001A0005	-
J01000A1256	50	G5 (RG-223/U)	crimp/crimp; Professional	a=31.5, b=13.5	A0205	N01001A0005	UG-1786/U
J01000A0049	50	G30 (1.5/3.8); LMR-240	crimp/crimp; Professional	a=31, b=13	A0206	N01001A0007	-
J01000A0008	50	RG142B/U; 1.0/2.95 AF	crimp/crimp; Professional	a=31.5, b=13.5	A0205	N01001A0005	-
J01000A0050	50	3D-2V	crimp/crimp; Professional	a=31, b=13	A0205	N01001A0005	-
J01002A0000	75	G27 (9248)	crimp/crimp; Professional	a=31, b=13	A0207	N01001A0004	-
J01002A0002	75	1.0/6.6	crimp/crimp; Professional	a=31, b=13	A0210	N01001I1274	-
J01002A0013	75	G17 (0.8/4.9 DZ)	crimp/crimp; Professional	a=31, b=13	A0208	N01001J1274	-
J01002A0028	75	BT 2002	crimp/crimp; Professional	a=31, b=13	A0205	N01001A0005	-
J01002A0030	75	G41 (0.6/2.8-4.7)	crimp/crimp; Professional	a=31, b=13	A0205	N01001A0005	-
J01002A0040	75	2YCCY 0.4/2.5-4.5, 02YS12YC(MS) C6Y 0.45/2.0-3.8 Leoni	crimp/crimp; Professional	a=31, b=13	A0204	N01001L1274	-
J01002A1261	75	RG 62 A/U	crimp/crimp; Professional	a=31, b=13	A0306	N01001A0007	-
J01002F1261	75	RG 62 A/U	crimp/crimp; Standard	a=31, b=13	A0306	N01001A0007	-
J01002L1261	75	RG 62 A/U	crimp/crimp; Basic	a=28, b=13	A2706	N01001A0007	-
J01002M1261	75	RG 62 A/U	crimp/crimp; MIL	a=31, b=13	A0306	N01001A0007	-
J01002A1288	75	G2 (RG-59 B/U)	crimp/crimp; Professional	a=31, b=13	A0206	N01001A0007	UG-1789/U
J01002F1288	75	G2 (RG-59 B/U)	crimp/crimp; Standard	a=31, b=13	A0206	N01001A0007	-
J01002L1288	75	G2 (RG-59 B/U)	crimp/crimp; Basic	a=28, b=13	A2806	N01001A0007	-
J01002M1288	75	G2 (RG-59 B/U)	crimp/crimp; MIL	a=31, b=13	A0206	N01001A0007	-
J01002A1350	75	G13 (0.4/2.5) *)	crimp/crimp; Professional	a=31, b=13	A0204	N01001L1274	-
J01002A1352	75	G16 (0.6/3.7D)	crimp/crimp; Professional	a=31, b=13	A0206	N01001A0007	-
J01002F1352	75	G16 (0.6/3.7D)	crimp/crimp; Standard	a=31, b=13	A0206	N01001A0007	-
J01002M1352	75	G16 (0.6/3.7D)	crimp/crimp; MIL	a=31, b=13	A0206	N01001A0007	-
J01002L1352	75	G16 (0.6/3.7D)	crimp/crimp; Basic	a=28, b=13	A2806	N01001A0007	-
J01002A0034	75	G4 (RG-179B/U)	crimp/crimp; Professional	a=30.5, b=11	A2616	N01001A0009	-
J01002A0031	75	G35 (0.8/3.7-7.3)	crimp/crimp; Professional	a=31.5, b=13.5	A0208	N01001J1274	-
J01002B1352	75	RG-71B/U	crimp/crimp; Standard	a=31, b=13	A0306	N01001A0007	-
J01002A0010	75	G40 (1.2/4.9)	crimp/crimp; Professional	a=31, b=13	A0207	N01001A0004	-
J01002A0016	75	G39 (0.8/3.7-6.15)	crimp/crimp; Standard	a=31, b=13	A0206	N01001A0007	-
J01002A0018	75	G41 (0.6/2.8-4.7)	crimp/crimp; HDTV/DTV ≥ 23 dB / 3 GHz; Professional	a=31, b=13	A3227	N01001A0039	-
J01002A0019	75	G15 (0.5/2.95)	crimp/crimp; Professional	a=31, b=13	A0205	N01001A0005	-

*) also suitable for the following cables: 02YS (ST) CH 0.45/2.0-3.4 Leoni; 02Y (ST) CH 0.45/2.0-3.4 Bedea; 02Y (ST) CY 0.45/2.0-3.4 Siemens; 2.5C-2V; NCX1 391300 0.53/2.45-3.6 Filotex; RG-180B/U; RG-195A/U

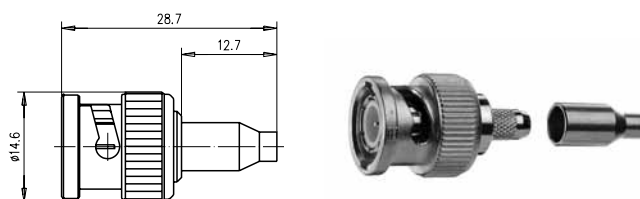
*) auch passend für folgende Kabel: 02YS (ST) CH 0.45/2.0-3.4 Leoni; 02Y (ST) CH 0.45/2.0-3.4 Bedea; 02Y (ST) CY 0.45/2.0-3.4 Siemens; 2.5C-2V; NCX1 391300 0.53/2.45-3.6 Filotex; RG-180B/U; RG-195A/U

BNC Straight Plug Crimp

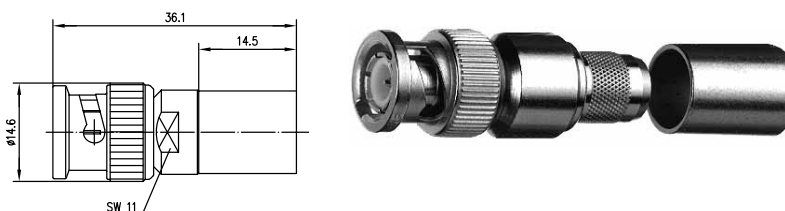
BNC-Kabelstecker Crimp



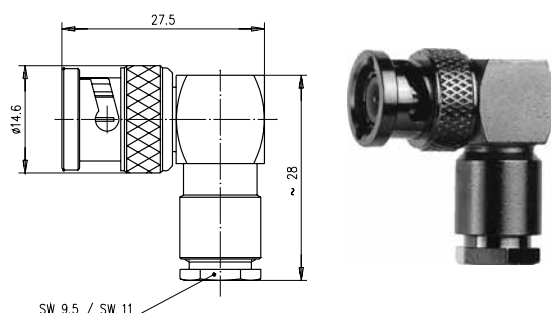
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01000B0018	50	G3 (RG-178B/U)	crimp/crimp; Professional	A2913	N01001A0010
J01000A1294	50	G7 (RG-316/U); G29 (0.45/1.4)	crimp/crimp; Professional	A2903	N01001A0009
J01000L1294	50	G7 (RG-316/U); G29 (0.45/1.4)	crimp/crimp; Basic	A2903	N01001A0009
J01000B0022	50	G8 (RD-316)	crimp/crimp; Professional	A2914	N01001A0014
J01000D1293	50	G14 (0.5/2.0-4.6)	crimp/crimp; Professional	A3005	N01001A0005
J01002A5032	75	G4 (RG-179B/U)	crimp/crimp; Professional	A2903	N01001A0009
J01002L5032	75	G4 (RG-179B/U)	crimp/crimp; Basic	A2903	N01001A0009
J01002B0037	75	G12 (0.315/1.95-3.7)	crimp/crimp; Professional	A3004	N01001L1274
J01002B0026	75	G19 (PSF 1/7M)	crimp/crimp; Professional	A2903	N01001A0009
J01002A0052	75	0.45L/1.9-2.9 VMM5x75Y; 0.41/1.9 AF	crimp/crimp; Professional	A3004	N01001L1274



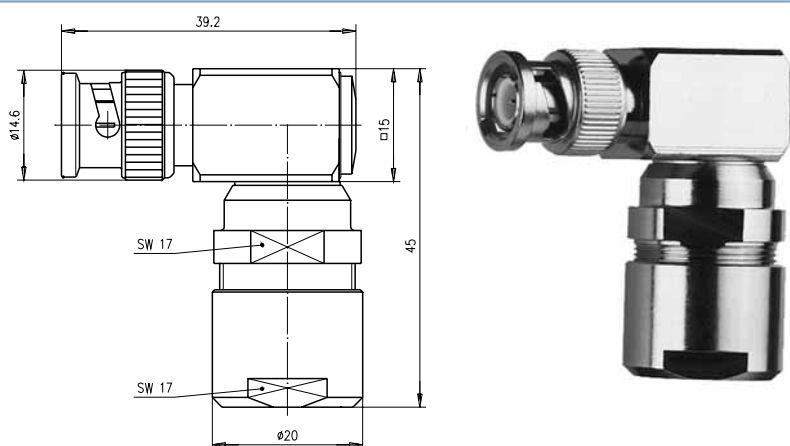
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01000A0016	50	1.5D-2V	crimp/crimp; Standard; Low cost type f < 500 MHz	A2505	N01001A0005
J01000A0040	50	G7 (RG-316/U)	crimp/crimp; Standard; Low cost type f < 500 MHz	A2505	N01001A0005
J01002A0036	75	G4 (RG-179B/U)	crimp/crimp; Standard	A2505	N01001A0005



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01000A0059	50	RG 213/U	crimp/crimp; Professional	A3312	N01001D1274
J01000A0063	50	G42 (2.7/7.1); AA-58886	crimp/crimp; outer conductor Telealloy crimp/crimp; Außenleiter Telealloy	A3326	N01001A0030
J01000A0060	50	RG 214/U; RG 393/U	crimp/crimp; Professional	A3312	N01001D1274
J01000A0061	50	G37 (2.7/7.25)	crimp/crimp; Professional	A3326	N01001A0030
J01002A0046	75	G31 (RG-11A/U)	crimp/crimp; Professional	A3318	N01001A0011
J01002A0047	75	G32 (RG-216/U)	crimp/crimp; Professional	A3318	N01001A0011

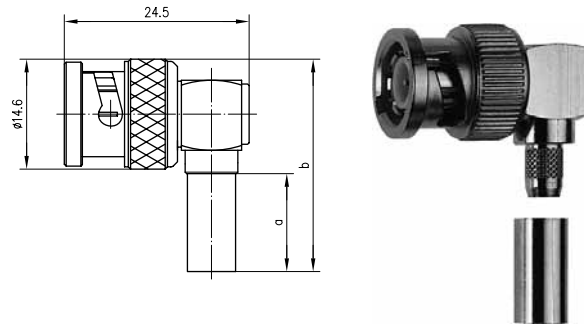


Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	MIL-Std. MIL-Std.
J01000A0005	50	G3 (RG-178B/U)	pressure sleeve Druckverschraubung	A07	-
J01000A0006	50	G7 (RG- 316/U)	pressure sleeve Druckverschraubung	A07	-
J01000A0007	50	G1 (RG-58C/U); G5 (RG-223/U) RG-141A/U; RG-142B/U; 1.0/2.95 AF	MIL-clamp MIL-Verschraubung	A06	-
J01000A0805	50	G1 (RG-58C/U); 1.0/2.95 AF; RG-141A/U; RG-142B/U	pressure sleeve Druckverschraubung	A06	UG-913/U
J01002A0003	75	G2 (RG-59B/U)	MIL-clamp MIL-Verschraubung	A06	-
J01002A1217	75	G2 (RG-59B/U)	pressure sleeve Druckverschraubung	A06	-
J01002A1316	75	RG-62A/U	pressure sleeve Druckverschraubung	A06	-



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01000A0029	50	RG-214/U; RG-216/U; RG-393/U	pressure sleeve Druckverschraubung	D04
J01000A1195	50	G42 (2.7/7.1); RG-213/U; AA 5886	pressure sleeve Druckverschraubung	D04

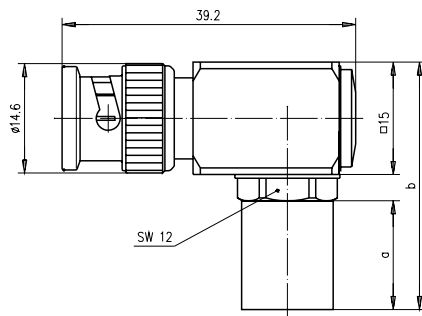
BNC Angle Plug Crimp BNC-Kabelwinkelstecker Crimp



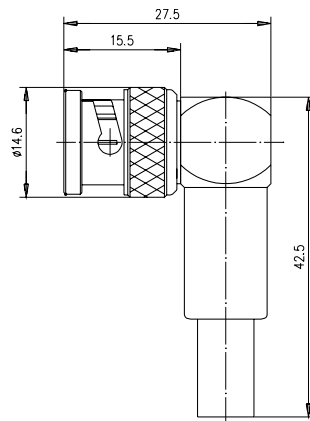
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01000A0010	50	G7 (RG-316/U)	solder/crimp löt/crimp	a=9.5, b=24.7	A0503	N01001A0009
J01000A0033	50	G8 (RD-316)	solder/crimp löt/crimp	a=9.5, b=24.7	A0520	N01001A0014
J01000A1257	50	G1 (RG-58C/U)	solder/crimp löt/crimp	a=13, b=28.2	A0505	N01001A0005
J01000A1258	50	G5 (RG-223/U)	solder/crimp löt/crimp	a=13.5, b=28.7	A0505	N01001A0005
J01000A0054	50	G30 (1.5/3.8); LMR-240	solder/crimp löt/crimp	a=13, b=28.2	A0506	N01001A0007
J01000A0052	50	3D-2V	solder/crimp löt/crimp	a=13, b=28.2	A0505	N01001A0005
J01002A0027	75	G4 (RG-179B/U)	solder/crimp löt/crimp	a=9.5, b=24.7	A0503	N01001A0009
J01002A0029	75	G13 (0.4/2.5) *)	solder/crimp löt/crimp	a=13, b=28.2	A0504	N01001L1274
J01002A1356	75	G2 (RG-59B/U)	solder/crimp löt/crimp	a=13, b=28.2	A0506	N01001A0007
J01002B1356	75	G2 (RG-59B/U)	solder/crimp with screw cap löt/crimp mit Schraubkappe	a=13, b=28.2	A0506	N01001A0007
J01002A0042	75	G12 (0.315/1.95-3.7)	solder/crimp löt/crimp	a=13, b=28.2	A0504	N01001L1274
J01002A0045	75	BT 2002	solder/crimp löt/crimp	a=13, b=28.2	A0505	N01001A0005
J01002A0021	75	G15 (0.5/2.95)	solder/crimp löt/crimp	a=13, b=28.2	A0505	N01001A0005

*) also suitable for the following cables: 02YS (ST) CH 0.45/2.0-3.4 Leoni; 02Y (ST) CH 0.45/2.0-3.4 Bedea; 02Y (ST) CY 0.45/2.0-3.4 Siemens; 2.5C-2V; NCX1 391300 0.53/2.45-3.6 Filotex; RG-180B/U; RG-195A/U

*) auch passend für folgende Kabel: 02YS (ST) CH 0.45/2.0-3.4 Leoni; 02Y (ST) CH 0.45/2.0-3.4 Bedea; 02Y (ST) CY 0.45/2.0-3.4 Siemens; 2.5C-2V; NCX1 391300 0.53/2.45-3.6 Filotex; RG-180B/U; RG-195A/U



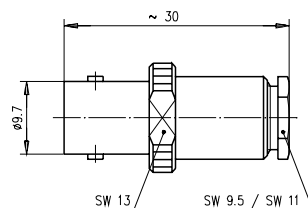
Order no. Bestell-Nr.	Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01000A0030	50	G42 (2.7/7.1); RG-213/U; AA 5886	solder/crimp löt/crimp	a=14.5, b=33	D0512	N01001D1274
J01000A0031	50	RG-214/U; RG-393/U	solder/crimp löt/crimp	a=13, b=31.5	D0512	N01001D1274



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01000A0024	50	G1 (RG-58C/U)	crimp/crimp	A0605	N01001A0005
J01002A1266	75	RG-62A/U	crimp/crimp	A0706	N01001A0007
J01002A1354	75	G16 (0.6/3.7D)	crimp/crimp	A0606	N01001A0007
J01002A1377	75	G2 (RG-59B/U)	crimp/crimp	A0606	N01001A0007

BNC Straight Jack BNC-Kabelbuchse

1.5

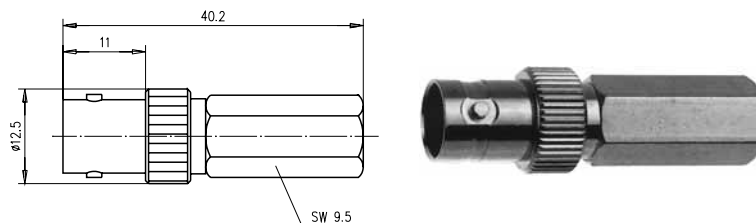


Order no.	Z	Cable group; cable	Remarks	Assembly	MIL-Std.
Bestell-Nr.	Z	Kabelgruppe; Kabel	Anmerkungen	Montage	MIL-Std.
J01001A0033	50	G3 (RG-178B/U)	pressure sleeve Druckverschraubung	A09	-
J01001A0032	50	G7 (RG-316/U)	pressure sleeve Druckverschraubung	A09	-

1.5

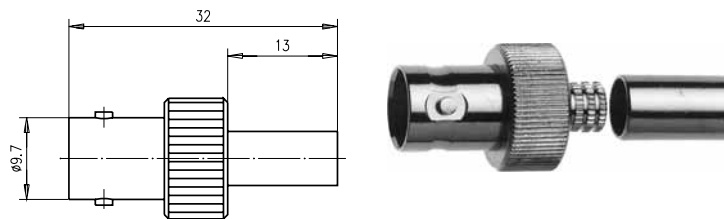
BNC Straight Jack BNC-Kabelbuchse

Order no. Bestell-Nr.	Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	MIL-Std. MIL-Std.
J01001A0804	50	G1 (RG-58C/U)	pressure sleeve Druckverschraubung	A08	UG-89/U
J01001A1226	50	G1 (RG-58C/U); G5 (RG-223/U); RG-141A/U; RG-142B/U; 1.0/2.95 AF	MIL-clamp MIL-Verschraubung	A10	UG-89B/U
J01003A0011	75	G2 (RG-59B/U)	MIL-clamp MIL-Verschraubung	A10	UG-261B/U
J01003A0014	75	G4 (RG-179B/U)	pressure sleeve Druckverschraubung	A09	-
J01003A1227	75	G2 (RG-59B/U)	pressure sleeve Druckverschraubung	A08	UG-261/U
J01003A1320	75	RG-62A/U	MIL-clamp MIL-Verschraubung	A10	-

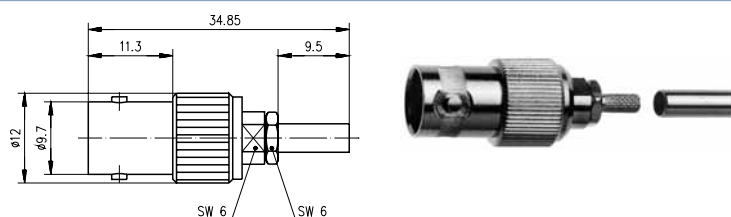


Order no. Bestell-Nr.	Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01003A0020	75	G2 (RG-59B/U); RG-62A/U	Twist on	A13

BNC Straight Jack Crimp BNC-Kabelbuchse Crimp

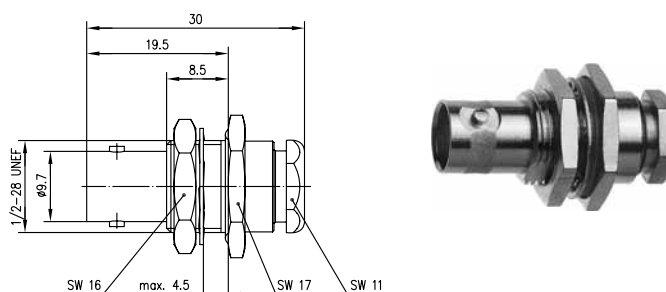


Order no. Bestell-Nr.	Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz	MIL-Std. MIL-Std.
J01001A1265	50	G1 (RG-58C/U)	crimp/crimp	A0805	N01001A0005	UG-1794/U
J01001A1287	50	G5 (RG-223/U)	crimp/crimp	A0805	N01001A0005	-
J01001A0073	50	G30 (1.5/3.8); LMR-240	crimp/crimp	A0806	N01001A0007	-
J01003A1262	75	RG-62A/U	crimp/crimp	A0906	N01001A0007	-
J01003A1353	75	G16 (0.6/3.7D)	crimp/crimp	A0806	N01001A0007	-
J01003A1369	75	G2 (RG-59B/U)	crimp/crimp	A0806	N01001A0007	-
J01003A0031	75	G13 (0.4/2.5)	crimp/crimp	A0804	N01001I1274	-
J01003A0048	75	G41 (0.6/2.8-4.7)	crimp/crimp	A0805	N01001A0005	-



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01001B0060	50	G3 (RG-178B/U)	crimp/crimp	A2913	N01001A0010
J01001B0005	50	G7 (RG-316/U)	crimp/crimp	A2903	N01001A0009
J01001B0061	50	G8 (RD-316)	crimp/crimp	A2914	N01001A0014
J01003A0041	75	G12 (0.315/1.95-3.7)	crimp/crimp	A2904	N01001L1274

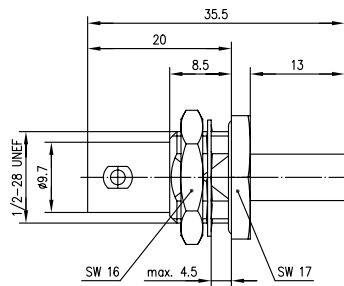
BNC Bulkhead Jack BNC-Kabeleinbaubuchse

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Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	MIL-Std. MIL-Std.
J01001A1319	50	G3 (RG-178B/U)	pressure sleeve IP 54 Druckverschraubung IP 54	Z04	A04	
J01001A1318	50	G7 (RG-316/U)	pressure sleeve IP 54 Druckverschraubung IP 54	Z04	A04	
J01001A1223	50	G1 (RG-58C/U); G5 (RG-223/U); RG-141A/U; RG-142B/U; 1.0/2.95 AF	MIL-clamp IP 54 MIL-Verschraubung IP 54	Z04	A11	UG-909/U
J01001A0051	50	G11 (UT-85)	MIL-clamp IP 54 MIL-Verschraubung IP 54	Z04	A15	-
J01001A0052	50	G10 (UT-141)	MIL-clamp IP 54 MIL-Verschraubung IP 54	Z04	A15	-
J01003A1327	75	G4 (RG-179B/U)	pressure sleeve IP 54 Druckverschraubung IP 54	Z04	A04	-
J01003A1224	75	G2 (RG-59B/U)	MIL-clamp IP 54 MIL-Verschraubung IP 54	Z04	A11	UG-910 B/U
J01003A1328	75	RG-62A/U; RG-71B/U	pressure sleeve IP 54 Druckverschraubung IP 54	Z04	A11	-
B00031D1275			insulators, colour: transparent Isolierscheibe, Farbe: natur			

BNC Bulkhead Jack Crimp

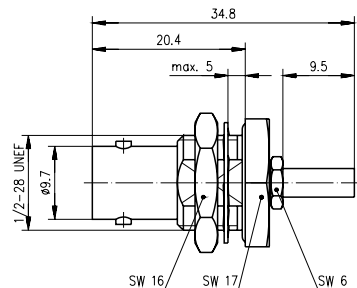
BNC-Kabeleinbaubuchse Crimp



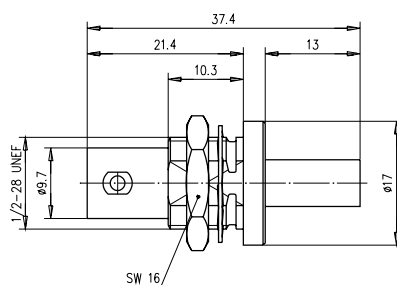
Order no. Bestell-Nr.	Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01001A1379	50	G1 (RG-58C/U)	crimp/crimp	Z04	A1105	N01001A0005
J01001A0034	50	G5 (RG-223/U)	crimp/crimp	Z04	A1105	N01001A0005
J01001A0087	50	3D-2V	crimp/crimp	Z04	A1105	N01001A0005
J01003A1260	75	RG-62A/U	crimp/crimp	Z04	A1206	N01001A0007
J01003A1348	75	G2 (RG-59B/U)	crimp/crimp	Z04	A1106	N01001A0007
J01003A0035	75	G13 (0.4/2.5) *	crimp/crimp	Z04	A1104	N01001L1274
J01003A1361	75	G16 (0.6/3.7D)	crimp/crimp	Z04	A1106	N01001A0007
J01003A0042	75	BT 2002	crimp/crimp	Z04	A1105	N01001A0005

*) also suitable for the following cables: 02YS (ST) CH 0.45/2.0-3.4 Leoni; 02Y (ST) CH 0.45/2.0-3.4 Bedea; 02Y (ST) CY 0.45/2.0-3.4 Siemens; 2.5C-2V; NCX1 391300 0.53/2.45-3.6 Filotex; RG-180B/U; RG-195A/U

*) auch passend für folgende Kabel: 02YS (ST) CH 0.45/2.0-3.4 Leoni; 02Y (ST) CH 0.45/2.0-3.4 Bedea; 02Y (ST) CY 0.45/2.0-3.4 Siemens; 2.5C-2V; NCX1 391300 0.53/2.45-3.6 Filotex; RG-180B/U; RG-195A/U

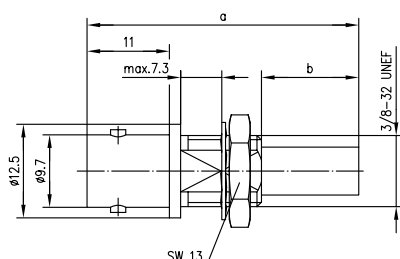


Order no. Bestell-Nr.	Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01001B0059	50	G3 (RG-178B/U)	crimp/crimp	Z04	A2913	N01001A0010
J01001C0028	50	G7 (RG-316/U)	crimp/crimp	Z04	A2903	N01001A0009
J01001C0045	50	G8 (RD-316)	crimp/crimp	Z04	A2914	N01001A0014
J01003B5032	75	G4 (RG-179B/U)	crimp/crimp	Z04	A2903	N01001A0009
J01003B0015	75	G12 (0.315/1.95-3.7)	crimp/crimp	Z04	A2904	N01001L1274



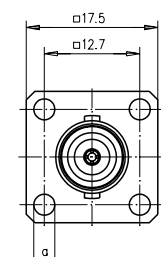
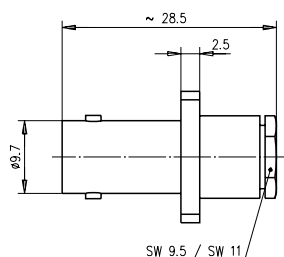
Order no. Bestell-Nr.	Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01001A0056	50	G1 (RG-58C/U)	crimp/crimp; insulating flange crimp/crimp; Isolierflansch	Z04	A1305	N01001A0005
J01001A0084	50	G5 (RG-223/U)	crimp/crimp; insulating flange crimp/crimp; Isolierflansch	Z04	A1305	N01001A0005

Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01003A0001	75	G2 (RG-59B/U)	crimp/crimp; insulating flange crimp/crimp; Isolierflansch	Z04	A1306	N01001A0007
J01003A0002	75	RG-62A/U	crimp/crimp; insulating flange crimp/crimp; Isolierflansch	Z04	A1406	N01001A0007
J01003A0003	75	G16 (0.6/3.7D)	crimp/crimp; insulating flange crimp/crimp; Isolierflansch	Z04	A1306	N01001A0007



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01001A0078	50	G1 (RG-58C/U)	crimp/crimp	a=36.3, b=13	Z01	A1305	N01001A0005
J01001A0083	50	G5 (RG-223/U)	crimp/crimp	a=36.8, b=13.5	Z01	A1305	N01001A0005
B00031D1275			insulators, colour: transparent Isolierscheibe, Farbe: natur				

BNC Panel Jack BNC-Kabeleinbaubuchse mit Flansch

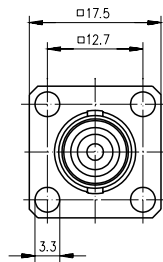
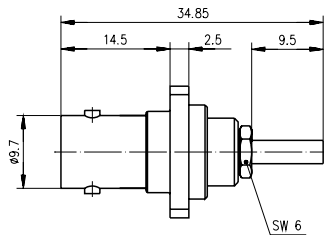
1.9


Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	Assembly Montage	MIL-Std. MIL-Std.
J01001A0036	50	G3 (RG-178B/U)	pressure sleeve IP 54 Druckverschraubung IP 54	a=3-56"=M2.5	Z05	A09	-
J01001A0014	50	G7 (RG-316/U)	pressure sleeve IP 54 Druckverschraubung IP 54	a=2.8	Z05	A09	-
J01001A0035	50	G7 (RG-316/U)	pressure sleeve IP 54 Druckverschraubung IP 54	a=3-56"=M2.5	Z05	A09	-
J01001A0611	50	G1 (RG-58C/U); G5 (RG-223/U); 1.0/2.95 AF	MIL-clamp IP 54 MIL-Verschraubung IP 54	a=3-56"=M2.5	Z05	A10	UG-291 B/U
J01001A0695	50	G1 (RG-58C/U); 1.0/2.95 AF	pressure sleeve IP 54 Druckverschraubung IP 54	a=3.2	Z05	A10	-
J01003A0012	75	G2 (RG-59B/U); RG-62A/U	MIL-clamp IP 54 MIL-Verschraubung IP 54	a=3-56"=M2.5	Z05	A10	UG-262 B/U
J01003A0013	75	G4 (RG-179B/U)	pressure sleeve IP 54 Druckverschraubung IP 54	a=3-56"=M2.5	Z05	A09	-

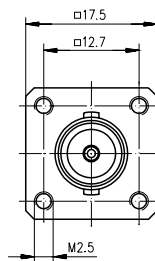
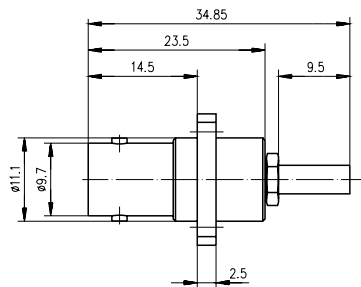
1.9

BNC Panel Jack

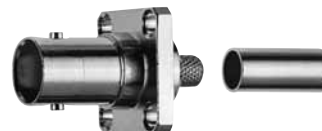
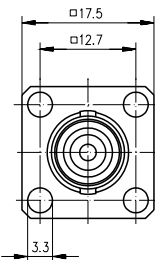
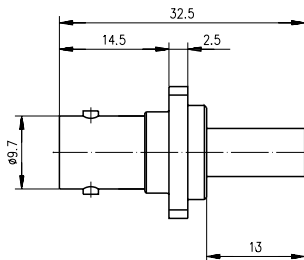
BNC-Kabeleinbaubuchse mit Flansch



Order no.	Z	Cable group; cable	Mount. dim.	Assembly
Bestell-Nr.	Z	Kabelgruppe; Kabel	Einbaumaß	Montage
J01001B0041	50	G7 (RG-316/U)	Z54	A2903
J01003B0019	75	G4 (RG-179B/U)	Z54	A2903



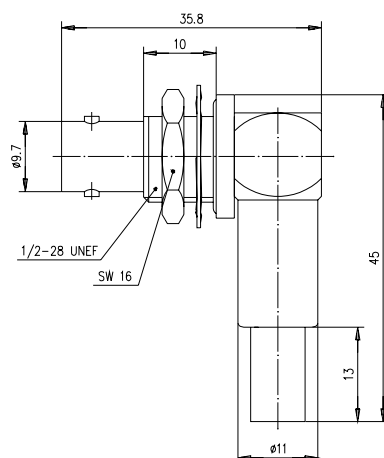
Order no.	Z	Cable group; cable	Mount. dim.	Assembly
Bestell-Nr.	Z	Kabelgruppe; Kabel	Einbaumaß	Montage
J01001A0088	50	G7 (RG-316/U)	Z05/Z54	A2903
J01003B0029	75	G4 (RG-179B/U)	Z05	A2903



Order no.	Z	Cable group; cable	Mount. dim.	Assembly
Bestell-Nr.	Z	Kabelgruppe; Kabel	Einbaumaß	Montage
J01001A0079	50	G1 (RG-58C/U)	Z54	A1005
J01001A0080	50	G5 (RG-223/U)	Z54	A1005

BNC Angle Bulkhead Jack Crimp
BNC-Kabelwinkeleinbaubuchse Crimp

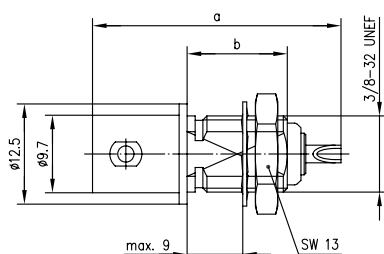
1.10



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01001A0055	50	G1 (RG-58C/U)	Z04	A0605	N01001A0005
J01001A0085	50	G5 (RG-223/U)	Z04	A0605	N01001A0005
J01003A1370	75	RG-62A/U	Z04	A0706	N01001A0007
J01003A0036	75	G16 (0.6/3.7 D)	Z04	A0706	N01001A0007
J01003A1371	75	G2 (RG-59B/U)	Z04	A0706	N01001A0007
B00031D1275		insulators, colour: transparent Isolierscheibe, Farbe: natur			

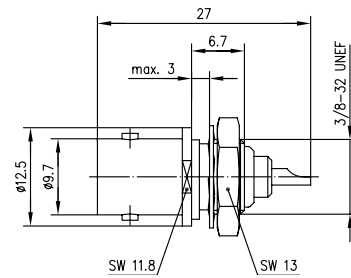
BNC Bulkhead Socket
BNC-Einbaubuchse

1.11

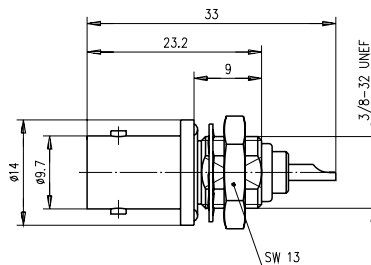


Order no. Bestell-Nr.	Z Z	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	MIL-Std. MIL-Std.
J01001B0615	50	inner conductor silver plated Innenleiter versilbert	a=27, b=6.5	Z01	UG-1094/U
J01001A0053	50	inner conductor gold plated Innenleiter vergoldet	a=27, b=6.5	Z01	-
J01001A0615	50		a=31, b=12.5	Z01	UG-1094B/U
J01003A0619	75		a=27, b=6.5	Z01	-
J01003A1218	75		a=31, b=12.5	Z01	-

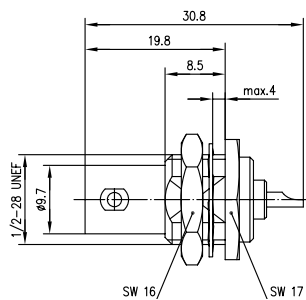
1.11

BNC Bulkhead Socket
BNC-Einbaubuchse

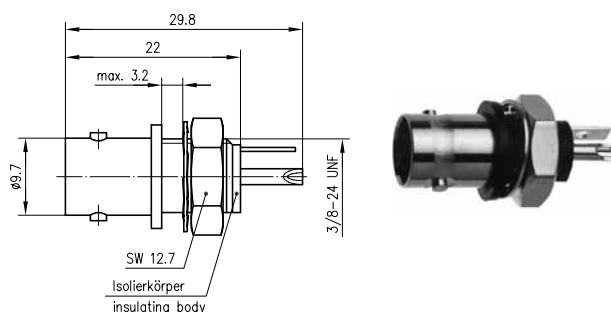
Order no.	Z	Mount. dim.	MIL-Std.
Bestell-Nr.	Z	Einbaumaß	MIL-Std.
J01001A1219	50	Z03	UG-625B/U
J01003A1220	75	Z03	-



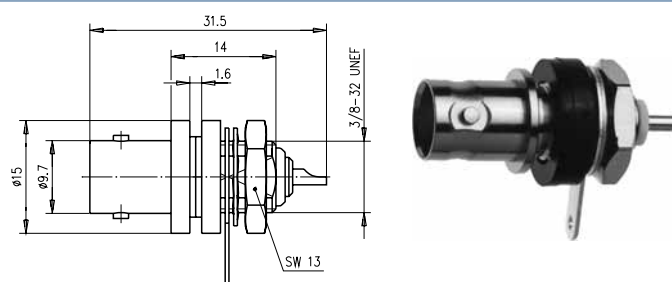
Order no.	Z	Remarks	Mount. dim.	MIL-Std.
Bestell-Nr.	Z	Anmerkungen	Einbaumaß	MIL-Std.
J01001A0614	50	with panel seal mit Dichtring	Z02	UG-657/U
J01003A1221	75	with panel seal mit Dichtring	Z02	-



Order no.	Z	Mount. dim.
Bestell-Nr.	Z	Einbaumaß
J01001A1225	50	Z04
J01003A0027	75	Z04

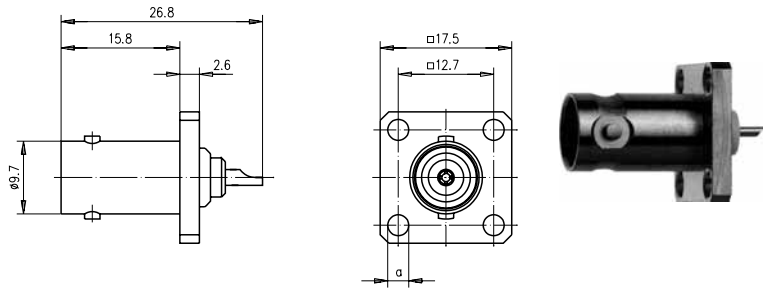
BNC Bulkhead Socket, insulated
BNC-Einbaubuchse, isoliert
1.12


Order no. Bestell-Nr.	Z	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01001A0043	50	with white insulating flange mit Isolierflansch weiß	Z01
J01001B0043	50	with blue insulating flange mit Isolierflansch blau	Z01
J01001C0043	50	with red insulating flange mit Isolierflansch rot	Z01
J01001D0043	50	with black insulating flange mit Isolierflansch schwarz	Z01



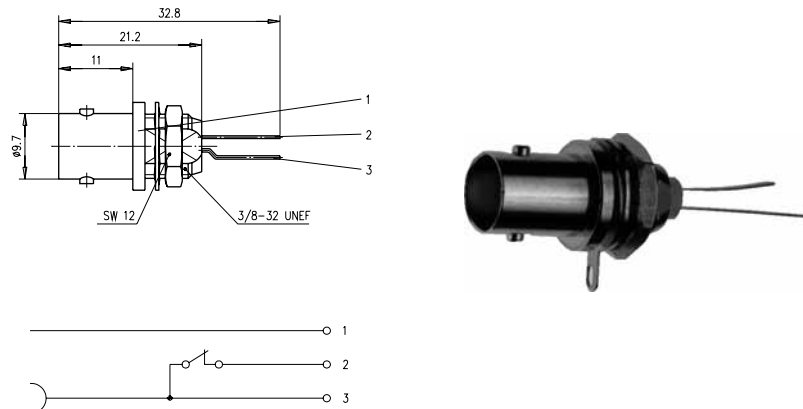
Order no. Bestell-Nr.	Z	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01001A1222	50	with black insulating washers mit Isolierscheiben schwarz	Z03
J01001B1222	50	with white insulating washers mit Isolierscheiben weiß	Z03
J01001C1222	50	with red insulating washers mit Isolierscheiben rot	Z03
J01001D1222	50	with blue insulating washers mit Isolierscheiben blau	Z03
J01001F1222	50	with green insulating washers mit Isolierscheiben grün	Z03
J01003A1286	75	with black insulating washers mit Isolierscheiben schwarz	Z03
J01003B1286	75	with white insulating washers mit Isolierscheiben weiß	Z03
J01003C1286	75	with red insulating washers mit Isolierscheiben rot	Z03
J01003D1286	75	with blue insulating washers mit Isolierscheiben blau	Z03
J01003E1286	75	with green insulating washers mit Isolierscheiben grün	Z03

1.13

BNC Panel Socket
BNC-Einbaubuchse mit Flansch

Order no. Bestell-Nr.	Z Z	Dimensions Abmessungen	Mount. dim. Einbaumaß	MIL-Std. MIL-Std.
J01001A0612	50	a=Ø2.8	Z05	-
J01001A0613	50	a=3-56" = M 2.5	Z05	UG-290/U
J01001A0698	50	a=Ø3.2	Z05	-
J01003A1228	75	a=3-56" = M 2.5	Z05	-
J01003A1937	75	a=Ø3.2	Z05	-

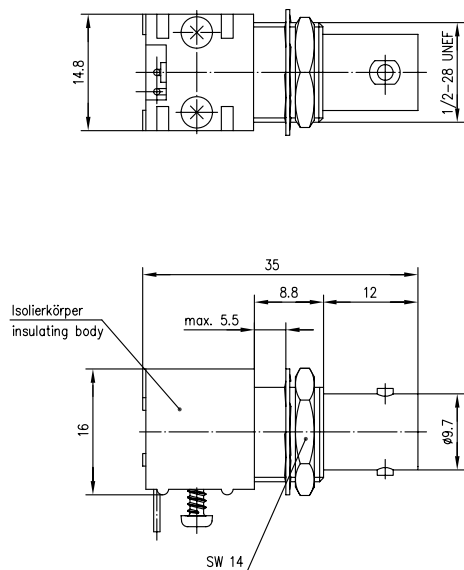
1.14

BNC Bulkhead Receptacle with Switch
BNC-Einbaubuchse mit Schalter

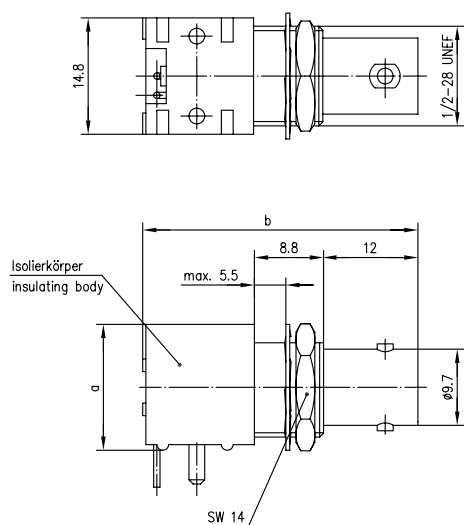
Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01001A0042	Switch opened when connector engaged Schalter wird durch Stecken betätigt	Z01/Z57

BNC Bulkhead Receptacle, for Printed Circuits, insulated
BNC-Einbaubuchse für gedruckte Schaltungen, isolierter Einbau

1.15



Order no. Bestell-Nr.	Z Z	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01001A0037	50	without fixing pins with fastening screws, solder pin 90° ohne Fixierstifte mit Befestigungsschrauben, Lötpin 90°	Z04/Z34

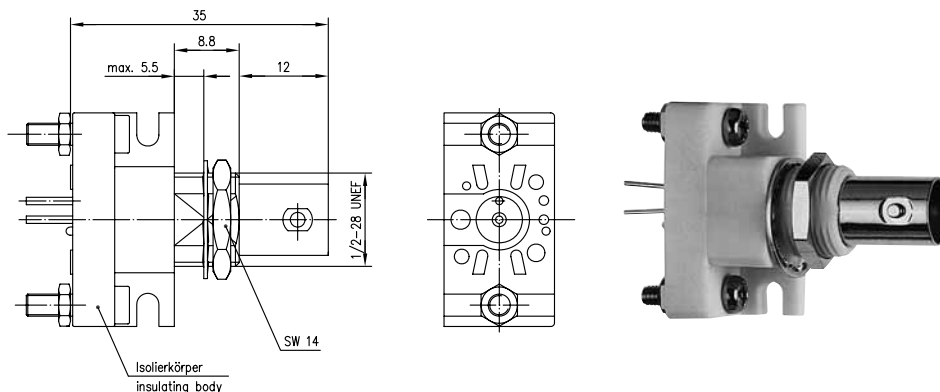


Order no. Bestell-Nr.	Z Z	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß
J01001A0038	50	with fixing pins without fastening screws Mit Fixierstiften ohne Befestigungsschrauben, Lötpin 90°	a=16, b=35	Z04/Z34
J01001F0000	50	with fixing pins without fastening screws Mit Fixierstiften ohne Befestigungsschrauben, Lötpin 90°	a=13, b=34.5	Z04/Z34

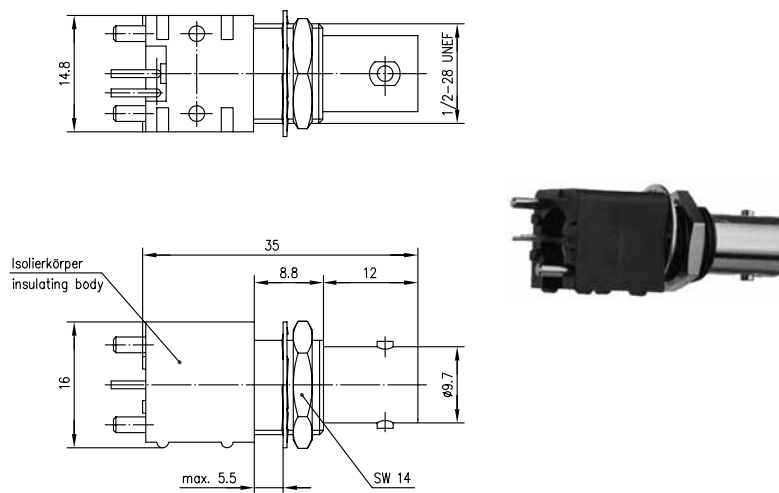
1.15

BNC Bulkhead Receptacle, for Printed Circuits, insulated

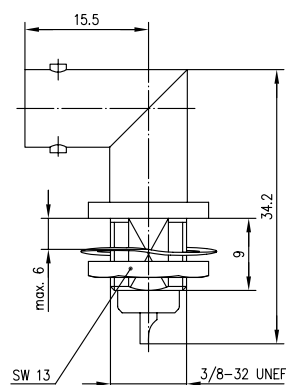
BNC-Einbaubuchse für gedruckte Schaltungen, isolierter Einbau



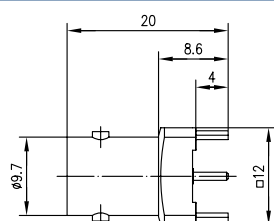
Order no.	Z	Remarks	Mount. dim.
Bestell-Nr.	Z	Anmerkungen	Einbaumaß
J01001A0040	50	with fastening screws, solder pin straight mit Befestigungsschrauben, Lötpin gerade	Z04/Z33



Order no.	Z	Remarks	Mount. dim.
Bestell-Nr.	Z	Anmerkungen	Einbaumaß
J01001F0002	50	with fixing pins, solder pin straight mit Fixierstiften, Lötpin gerade	Z04/Z42

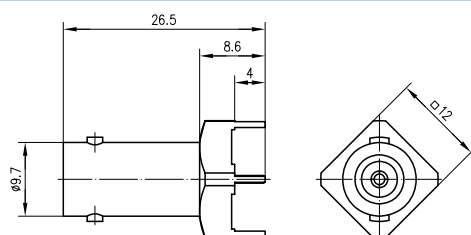
BNC Angle Bulkhead Socket
BNC-Winkeleinbaubuchse
1.16


Order no.	Z	Mount. dim.	MIL-Std.
Bestell-Nr.	Z	Einbaumaß	MIL-Std.
J01001A1235	50	Z01	UG-1098/U

BNC Receptacle, female, for Printed Circuits
BNC-Buchse für gedruckte Schaltungen
1.17


Order no.	Z	Mount. dim.
Bestell-Nr.	Z	Einbaumaß
J01001A1944	50	Z06
J01003A1946	75	Z06

Other lengths on request.
 Andere Längen auf Anfrage.

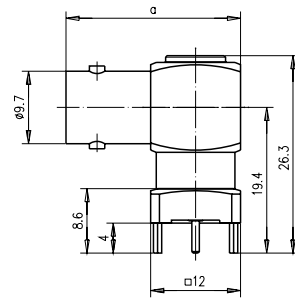


Order no.	Z	Mount. dim.
Bestell-Nr.	Z	Einbaumaß
J01001A1945	50	Z06
J01003A1947	75	Z06

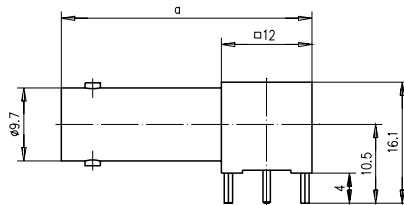
Other lengths on request.
 Andere Längen auf Anfrage.

BNC Angle Receptacle, female, for Printed Circuits

BNC-Winkelbuchse für gedruckte Schaltungen



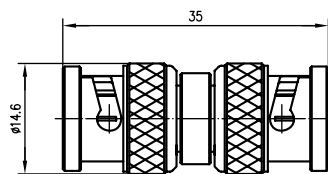
Order no.	Z	Dimensions	Mount. dim.
Bestell-Nr.	Z	Abmessungen	Einbaumaß
J01001A1948	50	a=23	Z06
J01001A0064	50	a=30	Z06
J01003A0018	75	a=30	Z06
J01003A1949	75	a=23	Z06



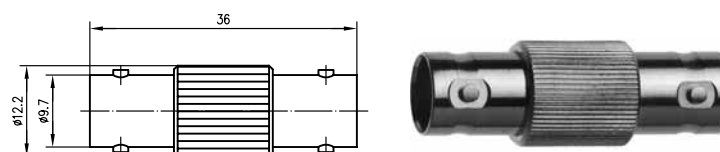
Order no.	Z	Dimensions	Mount. dim.
Bestell-Nr.	Z	Abmessungen	Einbaumaß
J01003A0030	75	a=33.3	Z06

BNC Adaptor

BNC-Kupplung

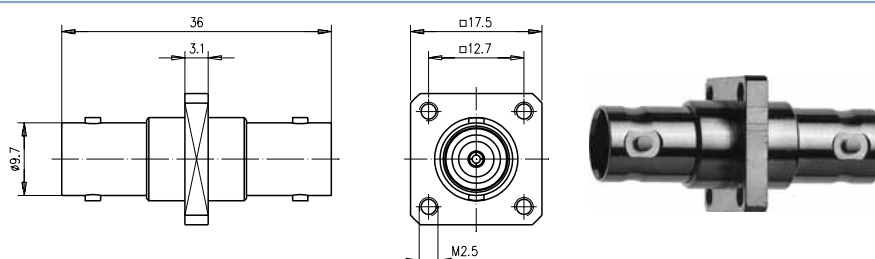


Order no.	Z	Remarks	MIL-Std.
Bestell-Nr.	Z	Anmerkungen	MIL-Std.
J01004A0806	50	m-m Sti-Sti	UG-491A/U
J01005A1230	75	m-m Sti-Sti	

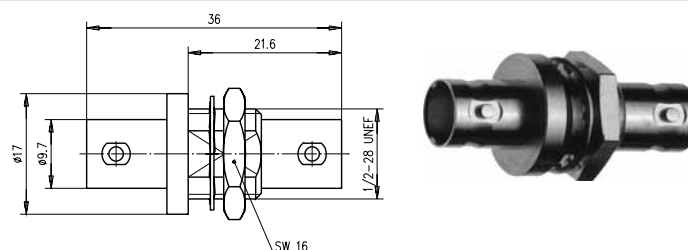


Order no. Bestell-Nr.	Z Z	Remarks Anmerkungen	MIL-Std. MIL-Std.
J01004A0618	50	f-f Bu-Bu	UG-914/U
J01005A1229	75	f-f Bu-Bu	

BNC Adaptor for Panel Mounting BNC-Verbindungsstück

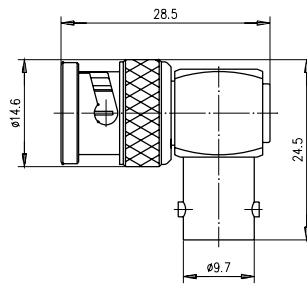
1.20


Order no. Bestell-Nr.	Z Z	Remarks Kabelgruppe; Kabel	Mount. dim. Montage	MIL-Std. MIL-Std.
J01004A1231	50	f-f Bu-Bu	Z05	UG-414A/U
J01005A1232	75	f-f Bu-Bu	Z05	-



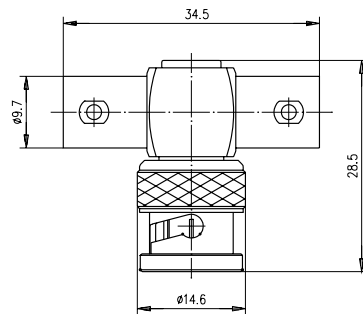
Order no. Bestell-Nr.	Z Z	Remarks Anmerkungen	Mount. dim. Einbaumaß	MIL-Std. MIL-Std.
J01004A1233	50	f-f Bu-Bu	Z04	UG-492A/U
J01004A1333	50	f-f insulating flange Bu-Bu Isolierflansch	Z04	-
J01005A1234	75	f-f Bu-Bu	Z04	-
J01005A1334	75	f-f insulating flange Bu-Bu Isolierflansch	Z04	-
B00031D1275	-	insulators, colour: transparent Isolierscheibe, Farbe: natur		

1.21

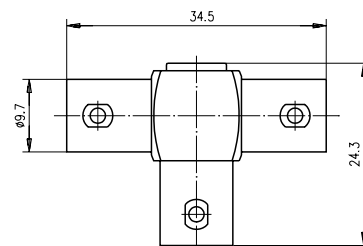
BNC Angle Adaptor
BNC-Winkelverbindungsstück

Order no.	Z	Remarks
Bestell-Nr.	Z	Anmerkungen
J01004A0617	50	m-f Sti-Bu
J01005A1237	75	m-f Sti-Bu

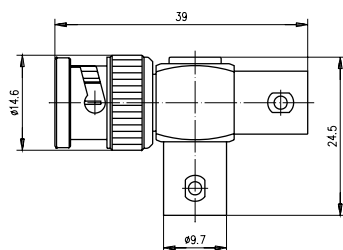
1.22

BNC T Adaptor
BNC-T-Stück

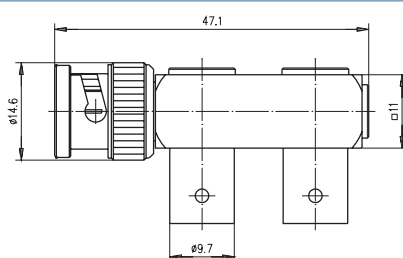
Order no.	Z	Remarks	MIL-Std.
Bestell-Nr.	Z	Anmerkungen	MIL-Std.
J01004C0616	50	f-m-f Bu-Sti-Bu	UG-274A/U
J01004F0616	50	f-m-f; low cost Bu-Sti-Bu; Low Cost	-
J01005A1238	75	f-m-f Bu-Sti-Bu	-



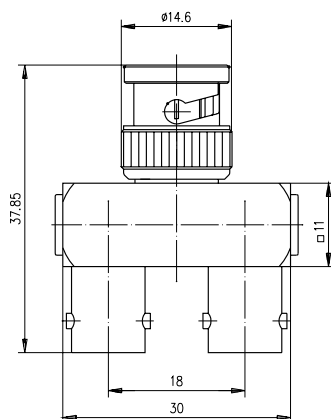
Order no.	Z	Remarks
Bestell-Nr.	Z	Anmerkungen
J01004B0616	50	f-f-f Bu-Bu-Bu



Order no.	Z	Remarks
Bestell-Nr.	Z	Anmerkungen
J01004A0616	50	m-f-f Sti-Bu-Bu
J01005A0004	75	m-f-f Sti-Bu-Bu

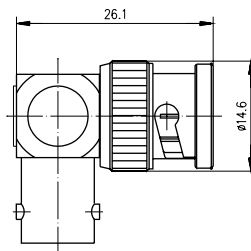
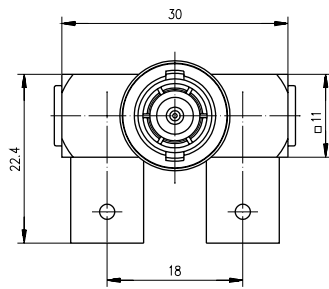


Order no.	Z	Remarks
Bestell-Nr.	Z	Anmerkungen
J01004A0002	50	m-f-f Sti-Bu-Bu
J01005A0003	75	m-f-f Sti-Bu-Bu



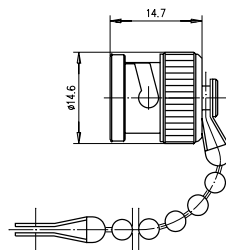
Order no.	Z	Remarks
Bestell-Nr.	Z	Anmerkungen
J01004A0009	50	f-m-f Bu-Sti-Bu
J01005A0005	75	f-m-f Bu-Sti-Bu

1.22

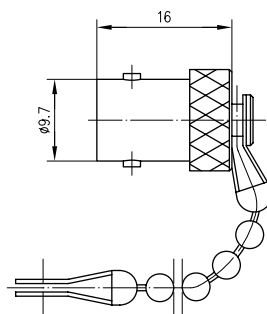
BNC T Adaptor
BNC-T-Stück

Order no.	Z	Remarks
Bestell-Nr.	Z	Anmerkungen
J01004A0011	50	f-m-f Bu-Sti-Bu

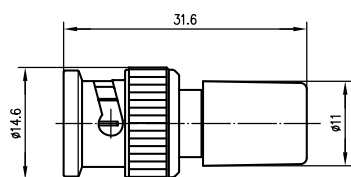
1.23

BNC Dust Cap
BNC-Abdeckkappe

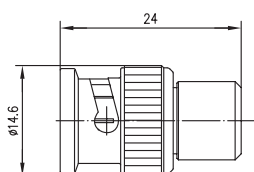
Order no.	Remarks	MIL-Std.
Bestell-Nr.	Anmerkungen	MIL-Std.
H00000A1239	m Sti	CW-123/U



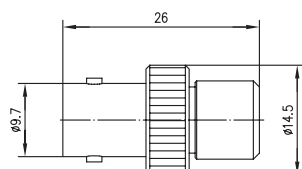
Order no.	Remarks	MIL-Std.
Bestell-Nr.	Anmerkungen	MIL-Std.
H00000A1943	f Bu	CW-282/U

**BNC Termination
BNC-Abschlusswiderstand**
1.24


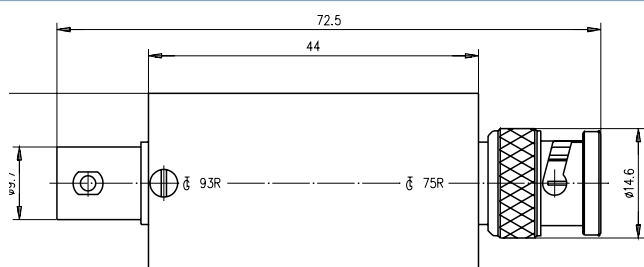
Order no. Bestell-Nr.	Z Z	Technical Information Technische Daten	Remarks Anmerkungen
J01006A1268	50	0.5 W; 100 MHz; ≥ 20 dB	m; 1% Sti; 1%
J01006A0001	75	0.5 W; 100 MHz; ≥ 20 dB	m; 0.1% Video RGB; green indicator Sti; 0.1% Video RGB; Kennzeichnung grün
J01006A1269	75	0.5 W; 100 MHz; ≥ 20 dB	m; 1% Sti; 1%
J01006A1373	93	0.5 W; 100 MHz; ≥ 20 dB	m; 1% Sti; 1%



Order no. Bestell-Nr.	Z Z	Technical Information Technische Daten	Remarks Anmerkungen
J01006A0020	50	1 W; 2.5 GHz; ≥ 20 dB	m Sti

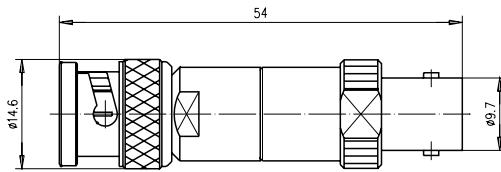


Order no. Bestell-Nr.	Z Z	Technical Information Technische Daten	Remarks. Anmerkungen
J01006A0021	50	1 W; 2.5 GHz; ≥ 20 dB	f Bu

**BNC Empty Box
BNC-Leergehäuse**
1.25


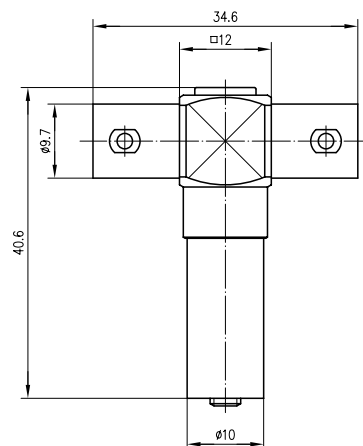
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0807	f-m empty box Bu-Sti Leergehäuse

1.26

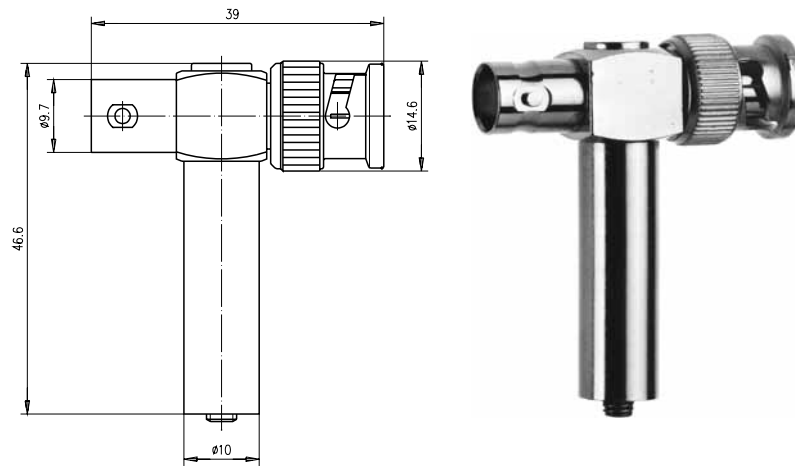
BNC Attenuator/Through Termination
BNC-Dämpfungsglied/Durchgangsabschluss

Order no.	Z	Remarks
Bestell-Nr.	Z	Anmerkungen
J01006A0834	50	BNC Attenuator; m-f; 3 dB; 1 GHz BNC-Dämpfungsglied; Sti-Bu; 3 dB; 1 GHz
J01006A0835	50	BNC Attenuator; m-f; 6 dB; 1 GHz BNC-Dämpfungsglied; Sti-Bu; 6 dB; 1 GHz
J01006A0836	50	BNC Attenuator; m-f; 10 dB; 1 GHz BNC-Dämpfungsglied; Sti-Bu; 10 dB; 1 GHz
J01006A0837	50	BNC Attenuator; m-f; 20 dB; 1 GHz BNC-Dämpfungsglied; Sti-Bu; 20 dB; 1 GHz
J01006A0013	50	BNC-Through Termination; m-f; 0.5 W; 1 GHz BNC-Durchgangsabschluss; Sti-Bu; 0.5 W; 1 GHz
J01006A0014	75	BNC-Through Termination; m-f; 0.5 W; 1 GHz BNC-Durchgangsabschluss; Sti-Bu; 0.5 W; 1 GHz

1.27

BNC Notch Filter
BNC-Kerbfilter

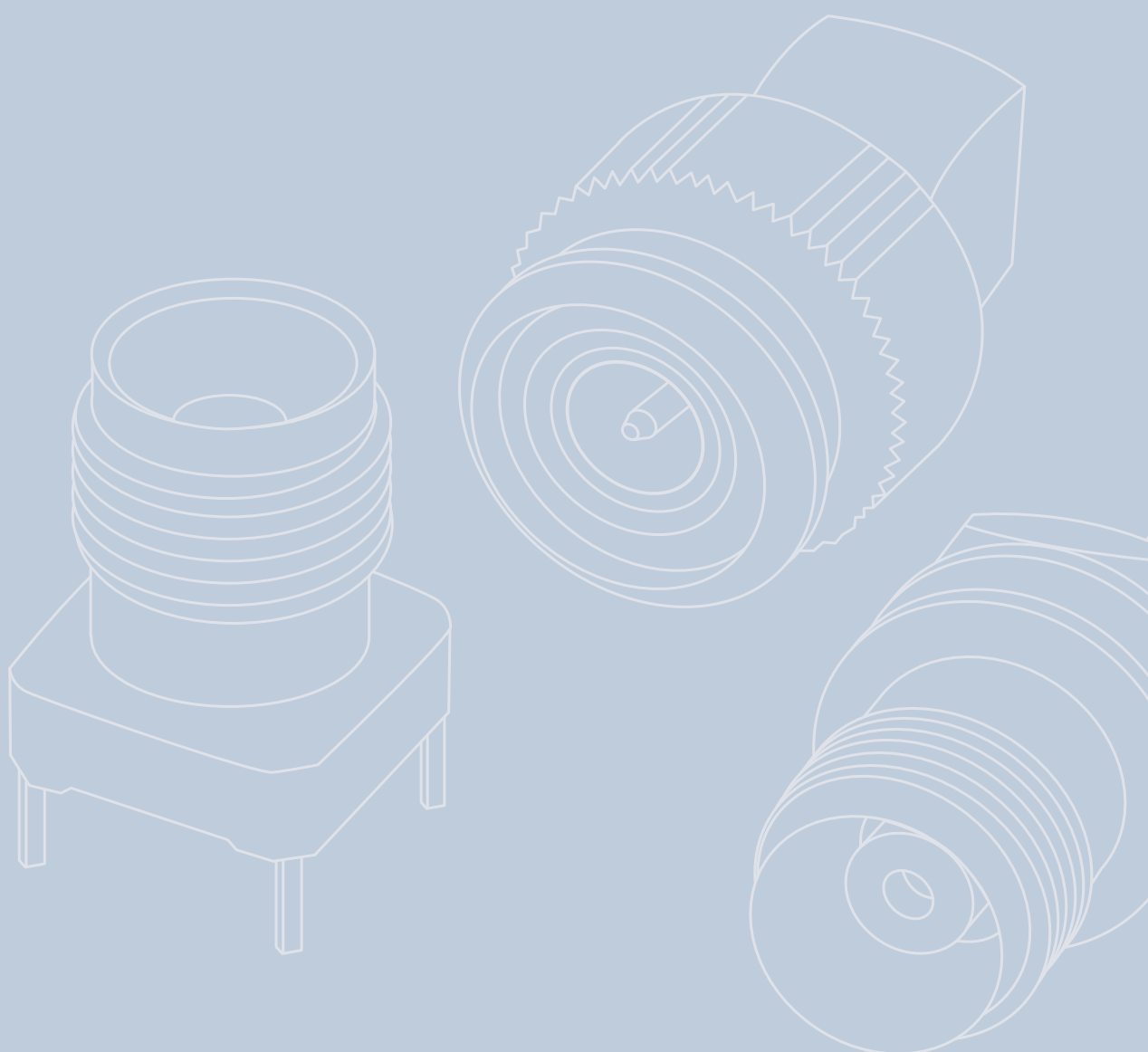
Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01006A0018	f-f; 2180 MHz Bu-Bu; 2180 MHz



Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01006A0017	m-f; 1575 MHz Sti-Bu; 1575 MHz

2

TNC
TNC



TNC TNC

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The TNC series is a commonly used coax connector. Similar to the BNC, but with a screw coupling, this connector can be used up to 11 GHz. Both 50 ohm and 75 ohm impedances are available. Connector styles are available for flexible, conformable and semi-rigid cable types. Versions of the TNC connector are available for mounting to printed circuit boards using both through-hole soldered and through-hole press-fit techniques. Both crimp and clamp cable termination processes are used for this series. Applications for these connectors range from signal and data, to video transmission where vibration resistance is required. TNC's are a low-cost high-frequency solution for coax connections.

Mating face sealing for TNC connectors between plug and jack (mated) according to IP 68. This classification is a general statement for the relevant series. Individual connectors may deviate from the values shown. If in doubt, please consult our engineers.

Die Serie TNC umfasst sehr häufig verwendete koaxiale Steckverbindungen, die bis zu einer Frequenz von 11 GHz eingesetzt werden. Sie gleichen in den Maßen der Serie BNC verfügen jedoch über einen Schraubverschluss. Es werden Ausführungen mit 50 Ohm und 75 Ohm Wellenwiderstand angeboten. Steckverbindervarianten gibt es für flexible, Semi-Flex- und Semi-Rigid-Kabel. Die Leiterplattensteckverbinder der Serie TNC sind als Löt- bzw. Einpresstypen erhältlich. Kabel werden je nach Ausführung durch Crimpen, Klemmen oder Löten angeschlossen. Die Steckverbinder der Serie TNC sind vibrationsfest und werden in der Signal-, Daten- und Videoübertragung eingesetzt. TNC-Steckverbinder sind kostengünstige Alternativen für koaxiale Verbindungen bei hohen Frequenzen.

Diese Steckverbinder erfüllen die Querdichtigkeit im Steckgesicht zwischen Stecker und Buchse im gesteckten Zustand gemäß IP 68. Diese Schutzklasse ist pauschal für die Serie TNC festgelegt worden. Für einzelne Steckverbindungen kann es zu Abweichungen kommen. Im Zweifelsfall bitte anfragen.

Mechanical Characteristics

Recommended coupling torque	0.46 - 0.69 Nm	Empfohlenes Kupplungsdrehmoment
Durability (mating cycles)	≥ 500	Lebensdauer (Steckungen)
Material: Spring contacts	CuBe2; CuPb1.15Ni (C97)	Werkstoff: Federnde Kontaktteile
Material: Outer conductor	CuZn39Pb3	Werkstoff: Außenleiter
Material: Other metal parts	CuZn39Pb3	Werkstoff: Sonstige Metallteile
Material: Gaskets	Silicon	Werkstoff: Dichtungen
Material: Insulators	PTFE; PE	Werkstoff: Isolierteile
Finish: Inner conductor	Cu1Ni2Au0.8	Oberfläche: Innenleiter
Finish: Outer conductor	Cu2Ni5	Oberfläche: Außenleiter
Finish: Other metal parts	Cu2Ni5	Oberfläche: Sonstige Metallteile

Mechanische Eigenschaften

Climatic Characteristics

Climatic category acc. to IEC 68 - 1		Prüfklasse nach DIN IEC 68 Teil 1
Types with PTFE insulator	40/155/21	Typen mit PTFE Isolierung
Types with PE insulator	40/75/21	Typen mit PE Isolierung

Thermische und klimatische Eigenschaften

Electrical Characteristics

Contact resistance inner conductor	≤ 10 mΩ	Durchgangswiderstand Innenleiter
Contact resistance outer conductor	≤ 2.5 mΩ	Durchgangswiderstand Außenleiter
Insulation resistance	≥ 5 GHz	Isolationswiderstand
Voltage proof	1.5 kV _{eff} /50 Hz	Spannungsfestigkeit
Impedance	50 Ω/(75 Ω)	Wellenwiderstand
Return loss: Straight style (valid for 50 Ω only)	≥ 17.7 dB/11 GHz	Rückflusdämpfung: Gerade Ausführung (gültig nur für 50 Ω)
Return loss: Angle style (valid for 50 Ω only)	≥ 16.5 dB/11 GHz	Rückflusdämpfung: Winkel Ausführung (gültig nur für 50 Ω)
Working voltage	≤ 500 V _{eff} /50 Hz	Betriebsspannung
Frequency range up to (valid for 50 Ω only)	11 GHz	Frequenzbereich bis (gültig nur für 50 Ω)

Elektrische Eigenschaften

Standards

IEC 60 169-17

Normen

IEC 60 169-17

The Return Loss values shown above correspond to the IEC standard 60 169-17. In most cases, the RF connectors from Telegärtner fulfill or exceed these requirements. Depending on the design and cable type, however, particular connectors could deviate from the norm. The exact parameters of individual products are available upon request.

Die oben angeführten Rückflusdämpfungswerte entsprechen der IEC-Norm 60 169-17. Die Telegärtner-Steckverbinder erfüllen oder übertreffen in den meisten Fällen diese Normwerte. Je nach Ausführung und Kabeltype können einzelne Steckverbinder jedoch abweichen. Die genauen Parameter der einzelnen Produkte sind auf Anfrage erhältlich.

Note

Combination connectors and cable clamps can be utilised to create a further number of TNC connector variations.

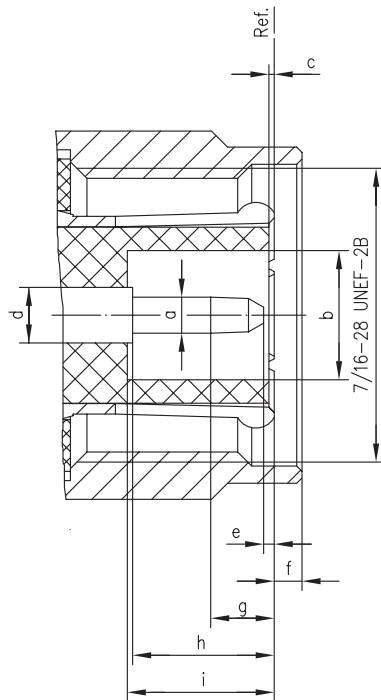
Hinweis

Weitere TNC-Steckverbindervarianten können durch die Kombination von Normköpfen und Kabelabfangungen zusammengestellt werden.

TNC 50 Ohm Mating Face

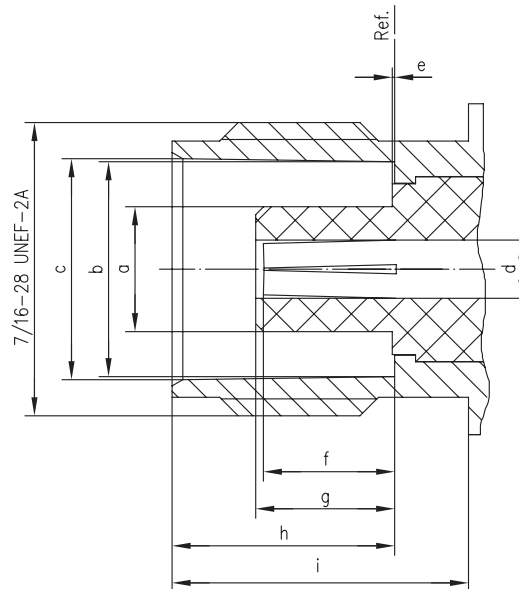
TNC 50 Ohm Steckgesicht

Plug Stecker



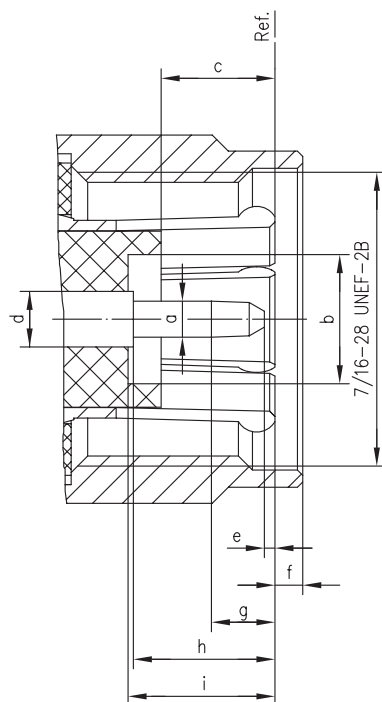
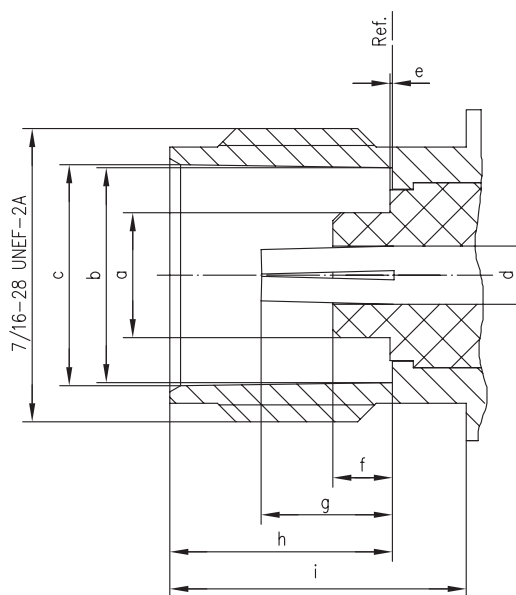
	[mm]		[inch]	
	min.	max.	min.	max.
a	1.32	1.37	0.052	0.054
b	4.83	-	0.190	-
c	0.15	-	0.006	-
d	2.06	2.21	0.081	0.087
e	0.08	1.02	0.0003	0.004
f	-	1.98	-	0.078
g	1.96	3.05	0.077	0.120
h	5.33	-	0.210	-
i	5.28	-	0.208	-

Jack Buchse



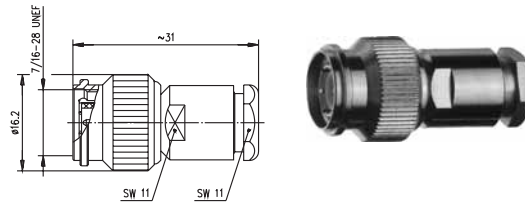
	[mm]		[inch]	
	min.	max.	min.	max.
a	-	4.72	-	0.186
b	8.10	8.15	0.319	0.321
c	8.31	8.46	0.327	0.333
d	1.88	2.29	0.074	0.090
e	-	0.15	-	0.006
f	4.55	5.23	0.179	0.206
g	-	5.28	-	0.208
h	8.31	8.51	0.327	0.335
i	10.52	-	0.414	-

TNC 75 Ohm Mating Face TNC 75 Ohm Steckgesicht

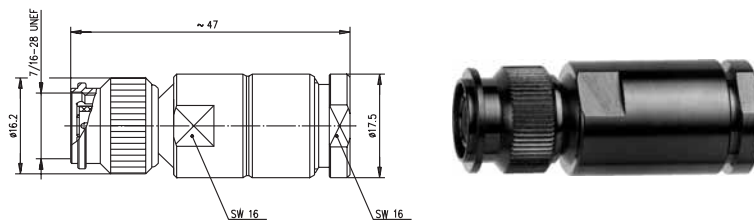
Plug
Stecker

Jack
Buchse


	[mm]		[inch]	
	min.	max.	min.	max.
a	1.32	1.37	0.052	0.054
b	4.83	-	0.190	-
c	4.30	5.30	0.169	0.208
d	2.06	2.21	0.081	0.087
e	0.35	-	0.014	-
f	-	1.98	-	0.078
g	-	3.86	-	0.152
h	5.33	-	0.210	-
i	5.28	5.79	0.208	0.228

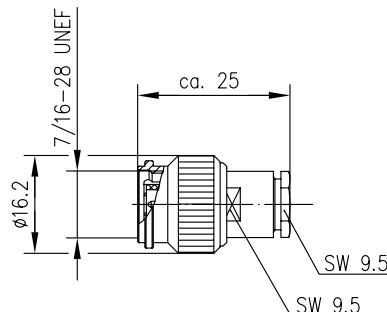
	[mm]		[inch]	
	min.	max.	min.	max.
a	-	4.72	-	0.186
b	8.10	8.15	0.319	0.321
c	8.31	8.46	0.327	0.333
d	1.88	2.29	0.074	0.090
e	-	0.15	-	0.006
f	-	2.30	-	0.091
g	4.72	5.23	0.186	0.206
h	8.31	8.51	0.327	0.335
i	10.52	-	0.414	-

TNC Straight Plug
TNC-Kabelstecker

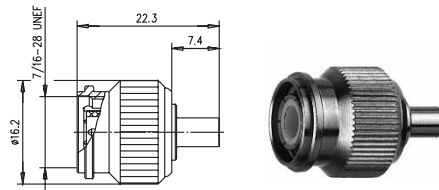
Order no. Bestell-Nr.	Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01010A2610	50	G3 (RG-178B/U)	pressure sleeve IP 67 Druckverschraubung IP 67	A03
J01010A2611	50	G7 (RG-316/U)	pressure sleeve IP 67 Druckverschraubung IP 67	A03
J01010A2608	50	G1 (RG-58C/U); G5 (RG-223/U); RG-141A/U; RG-142B/U; 1.0/2.95 AF	MIL-clamp IP 67 MIL-Verschraubung IP 67	A02
J01012A2258	75	G4 (RG-179B/U)	pressure sleeve IP 67 Druckverschraubung IP 67	A03
J01012A2215	75	G2 (RG-59B/U)	MIL-clamp IP 67 MIL-Verschraubung IP 67	A02



Order no. Bestell-Nr.	Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01010A2940	50	RG-213/U; RG-214/U; 9880 Belden	pressure sleeve IP 67 Druckverschraubung IP 67	A05
J01012A0001	75	G31 (RG-11A/U); G32 (RG-216/U); 7731A Belden; 9292 Belden; 1.6/7.3 AF	pressure sleeve IP 67 Druckverschraubung IP 67	A05



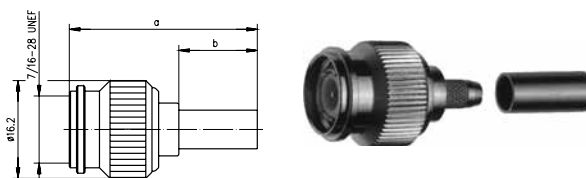
Order no. Bestell-Nr.	Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01010A0022	50	G1 (RG-58C/U); LMR-195; RG-141A/U; RG-142B/U; 1.0/2.95 AF	pressure sleeve IP 67 Druckverschraubung IP 67	A01



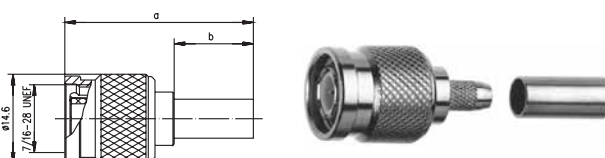
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Assembly Montage
J01010A0021	50	G10 (UT-141)	A12

TNC Straight Plug Crimp
TNC-Kabelstecker Crimp

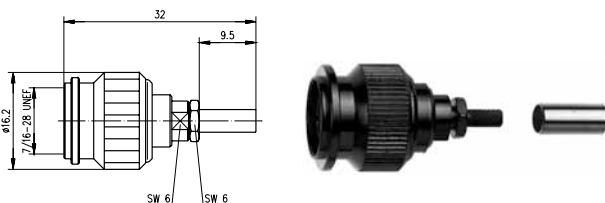
	Basic	Standard	Professional	MIL
Mechanical Characteristics Mechanische Eigenschaften Mating cycles (gold plating inner conductor) Steckzyklen (Goldalage Innenleiter)	100 (0.2 µm)	100 (0.8 µm)	1000 (0.8 µm)	2000 (1.27 µm)
Climatic Characteristics Klimatische Eigenschaften Temperature range Temperaturbereich	-40/75		-65/165	
Materials Werkstoffe Coupling nut Überwurfmutter Outer conductor Außenleiter Inner conductor Innenleiter Crimp ferrule Crimprohr	zinc die cast Zinkdruckguss brass Messing copper beryllium Kupferberyllium copper Kupfer			brass Messing brass Messing brass Messing copper Kupfer
Insulator Isolierung	PE-LD		PTFE	
Finish Oberfläche Coupling nut Überwurfmutter Outer conductor Außenleiter Inner conductor Innenleiter Crimp ferrule Crimprohr	Nickel Nickel Gold Nickel			
Electrical Characteristics Elektrische Eigenschaften Contact resistance Durchgangswiderstand Inner conductor Innenleiter Outer conductor Außenleiter	initial im Neuzustand $\leq 0.9 \text{ m}\Omega$ $\leq 0.2 \text{ m}\Omega$			
Insulation resistance Isolationswiderstand Voltage proof Spannungsfestigkeit Impedance Wellenwiderstand Working voltage Betriebsspannung Frequency range Frequenzbereich VSWR	5 GΩ 1.5 kV 50 Ω / 75 Ω 500 V _{eff} /50 Hz 4 GHz $\leq 1.25/1 \text{ GHz (50 } \Omega)$			



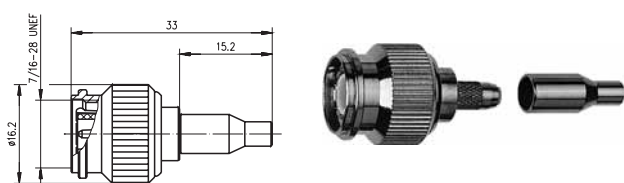
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01010A0039	50	G7 (RG-316/U)	crimp/crimp; Professional	a=30.3, b=11	A2616	N01001A0009
J01010A0045	50	G8 (RD-316)	crimp/crimp; Professional	a=30.3, b=11	A2620	N01001A0014
J01010A2255	50	G1 (RG-58C/U); YR 23092 Belden; LMR-195	crimp/crimp; Professional	a=31.2, b=13	A0205	N01001A0005
J01010A0000	50	RG-142B/U; 1.0/2.95 AF	crimp/crimp; Professional	a=31.5, b=13.5	A0205	N01001A0005
J01010A2256	50	G5 (RG-223/U)	crimp/crimp; Professional	a=31.5, b=13.5	A0205	N01001A0005
J01010A0035	50	G30 (1.5/3.8); LMR-240	crimp/crimp; Professional	a=31.2, b=13	A0206	N01001A0007
J01012A2288	75	G2 (RG-59B/U)	crimp/crimp; Professional	a=31, b=13	A0206	N01001A0007
J01012A0014	75	G27 (9248)	crimp/crimp; Professional	a=31, b=13	A0207	N01001A0004



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01010F2255	50	G1 (RG-58C/U); YR 23092 Belden	crimp/crimp; Standard	a=31, b=13	A0205	N01001A0005
J01010L2255	50	G1 (RG-58C/U); YR 23092 Belden	crimp/crimp; Basic	a=28, b=13	A2805	N01001A0005
J01010A0046	50	G5 (RG-223/U)	crimp/crimp; Standard	a=31.5, b=13.5	A0205	N01001A0005

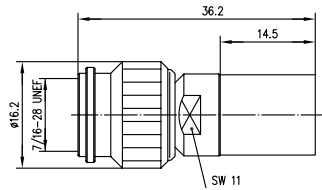


Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01010B0027	50	G3 (RG-178B/U)	crimp/crimp; Professional	A2913	N01001A0010
J01010B0007	50	G7 (RG-316/U)	crimp/crimp; Professional	A2903	N01001A0009
J01010A0043	50	G8 (RD-316)	crimp/crimp; Professional	A2914	N01001A0014
J01012A5032	75	G4 (RG-179B/U)	crimp/crimp; Professional	A2903	N01001A0009

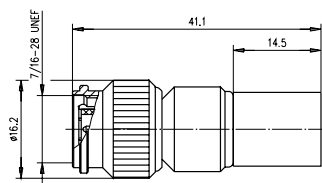


Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01010A0038	50	G7 (RG-316/U)	crimp/crimp; low cost type; f < 500 MHz; Standard	A2505	N01001A0005

TNC Straight Plug Crimp TNC-Kabelstecker Crimp

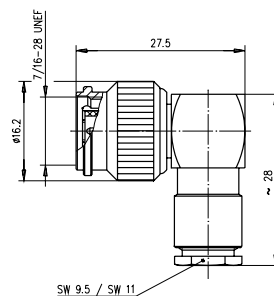


Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01010A0051	50	RG-213/U	crimp/crimp; Professional	A3312	N01001D1274
J01010A0052	50	RG-214/U	crimp/crimp; Professional	A3312	N01001D1274

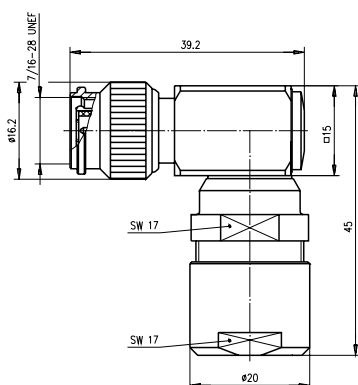


Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01010A0049	50	G37 (2.7/7.25)	crimp/crimp; Professional	A3112	N01001D1274
J01010A0053	50	G42 (2.7/7.1); AA-5886	crimp/crimp; outer conductor Telealloy crimp/crimp; Außenleiter Telealloy	A3326	N01001A0030

TNC Angle Plug TNC-Kabelwinkelstecker

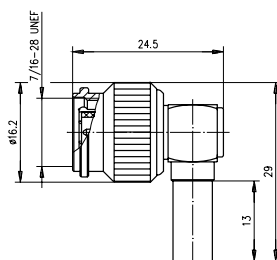


Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01010A0011	50	G7 (RG-316/U)	pressure sleeve Druckverschraubung	A07
J01010A0009	50	G1 (RG-58C/U); 1.0/2.95 AF; RG-141; RG-142	pressure sleeve Druckverschraubung	A06
J01010A0010	50	G1 (RG-58C/U); G5 (RG-223/U); RG-141A/U; RG-142B/U; 1.0/2.95 AF	MIL-clamp MIL-Verschraubung	A06
J01012A0002	75	G2 (RG-59B/U)	pressure sleeve Druckverschraubung	A06



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01010A0023	50	G42 (2.7/7.1); RG-213/U; AA-5886	pressure sleeve Druckverschraubung	D04
J01010A0024	50	RG-214/U; RG-216/U; RG-393/U	pressure sleeve Druckverschraubung	D04

TNC Angle Plug Crimp TNC-Kabelwinkelstecker Crimp

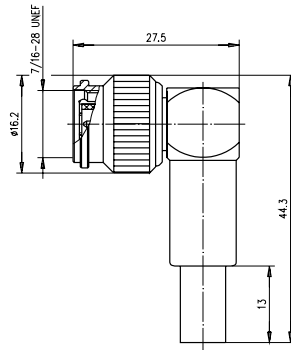
2.4


Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01010B0012	50	G7 (RG-316/U)	solder/crimp löt/crimp	a=9.5, b=25.5	A0503	N01001A0009
J01010A0048	50	G8 (RD-316)	solder/crimp löt/crimp	a=9.5, b=25.5	A0520	N01001A0014
J01010A0005	50	G1 (RG-58C/U), RG-141	solder/crimp löt/crimp	a=13, b=29	A0505	N01001A0005
J01010A0006	50	G5 (RG-223/U); RG-142B/U; 1.0/2.95 AF	solder/crimp löt/crimp	a=13.5, b=29.5	A0505	N01001A0005
J01010A0037	50	G30 (1.5/3.8);	solder/crimp löt/crimp	a=13, b=29	A0506	N01001A0007
J01012A0004	75	G2 (RG-59B/U)	solder/crimp löt/crimp	a=13, b=29	A0506	N01001A0007

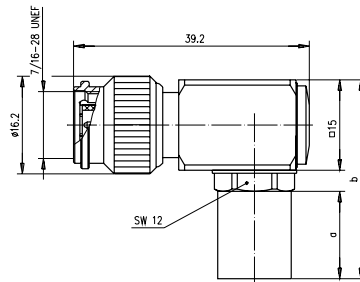
2.4

TNC Angle Plug Crimp

TNC-Kabelwinkelstecker Crimp



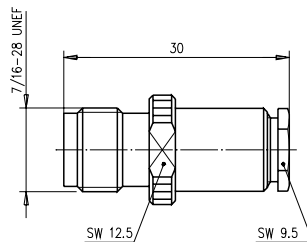
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01010A0019	50	G1 (RG-58C/U)	crimp/crimp	A0605	N01001A0005
J01010A0047	50	G5 (RG-223/U)	crimp/crimp	A0605	N01001A0005
J01012A2266	75	G2 (RG-59B/U)	crimp/crimp	A0606	N01001A0007



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01010A0025	50	G42 (2.7/7.1); RG-213/U; AA-5886	solder/crimp löt/crimp	a=14.5, b=33	D0512	N01001D1274
J01010A0026	50	RG-214/U; RG-393/U	solder/crimp löt/crimp	a=13, b=31.5	D0512	N01001D1274

TNC Straight Jack

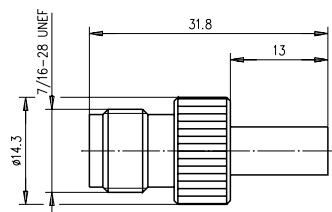
TNC-Kabelbuchse



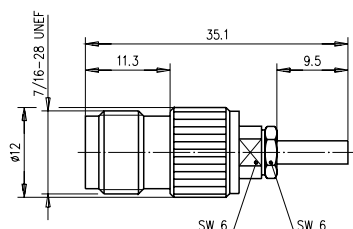
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01011A0014	50	G1 (RG-58C/U)	pressure sleeve Druckverschraubung	A08
J01013A0004	75	G2 (RG-59B/U)	pressure sleeve Druckverschraubung	A08

TNC Straight Jack Crimp
TNC-Kabelbuchse Crimp

2.6



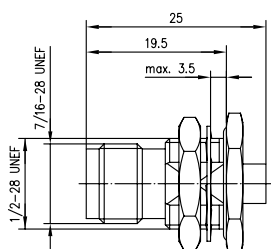
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01011A2265	50	G1 (RG-58C/U)	crimp/crimp	A0805	N01001A0005
J01011A2287	50	G5 (RG-223/U)	crimp/crimp	A0805	N01001A0005
J01011A0044	50	G30 (1.5/3.8)	crimp/crimp	A0806	N01001A0007
J01011A0055	50	G37 (2.7/7.25)	solder/crimp löt/crimp	A3112	N01001D1274
J01013A2262	75	G2 (RG-59 B/U)	crimp/crimp	A0806	N01001A0007



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01011B0032	50	G3 (RG-178B/U)	crimp/crimp	A2913	N01001A0010
J01011A0050	50	G7 (RG-316/U)	crimp/crimp	A2903	N01001A0009
J01011A0011	50	G8 (RD-316)	crimp/crimp	A2914	N01001A0014

TNC Bulkhead Jack
TNC-Kabeleinbaubuchse

2.7

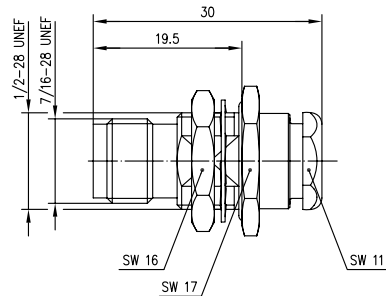


Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Mount. dim. Einbaumaß	Assembly Montage
J01011A0054	50	G11 (UT-85)	Z04	A18
J01011A0008	50	G10 (UT-141)	Z04	A18

2.7

TNC Bulkhead Jack

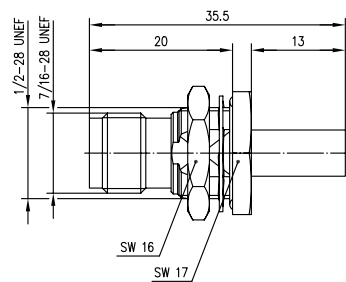
TNC-Kabeleinbaubuchse



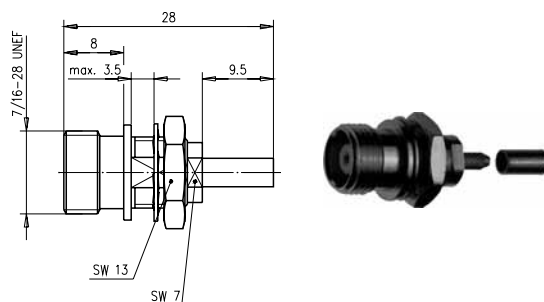
Order no. Bestell-Nr.	Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage
J01011A2336	50	G3 (RG-178B/U)	pressure sleeve IP 67 Druckverschraubung IP 67	Z04	A04
J01011A2337	50	G7 (RG-316/U)	pressure sleeve IP 67 Druckverschraubung IP 67	Z04	A04
J01011A2223	50	G1 (RG-58C/U); G5 (RG-223/U); RG-141A/U; RG-142B/U; 1.0/2.95 AF	MIL-clamp IP 67 MIL-Verschraubung IP 67	Z04	A11
J01011A0036	50	G11 (UT-85)	MIL-clamp IP 67 MIL-Verschraubung IP 67	Z04	A15
J01011A0034	50	G10 (UT-141)	MIL-clamp IP 67 MIL-Verschraubung IP 67	Z04	A15
J01013A2224	75	G2 (RG-59B/U)	pressure sleeve IP 67 Druckverschraubung IP 67	Z04	A11
B00031D1275			insulators, colour: transparent Isolierscheibe, Farbe: natur		

TNC Bulkhead Jack Crimp

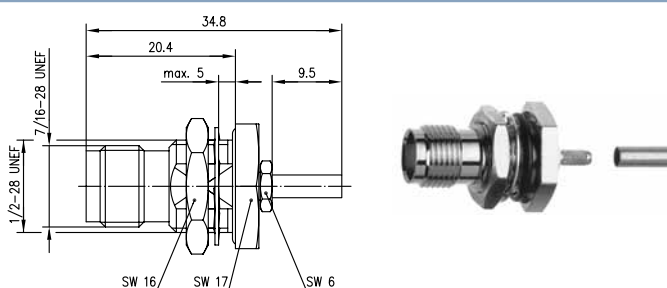
TNC-Kabeleinbaubuchse Crimp



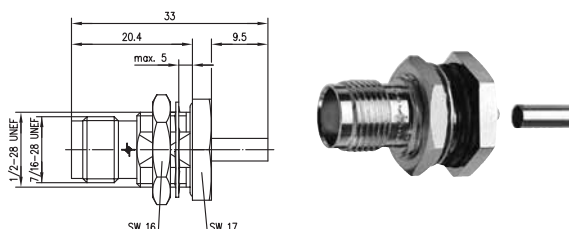
Order no. Bestell-Nr.	Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01011A0015	50	G1 (RG-58C/U)	crimp/crimp	Z04	A1105	N01001A0005
J01011A0016	50	G5 (RG-223/U)	crimp/crimp	Z04	A1105	N01001A0005
J01013A2260	75	G2 (RG-59B/U)	solder/crimp löt/crimp	Z04	A1106	N01001A0007



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01011A0023	50	G7 (RG-316/U)	solder/crimp not IEC 169-17 löt/crimp nicht IEC 169-17	Z19	A1903	N01001A0009
J01011A0051	50	G8 (RD-316)	solder/crimp not IEC 169-17 löt/crimp nicht IEC 169-17	Z19	A1920	N01001A0014



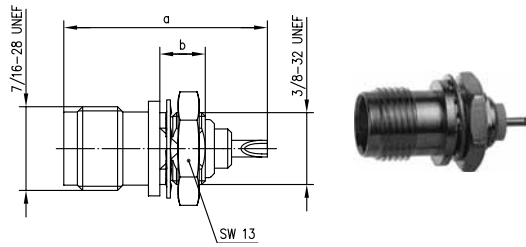
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01011B0030	50	G3 (RG-178B/U)	crimp/crimp	Z04	A2913	N01001A0010
J01013B0008	75	G4 (RG-179B/U)	crimp/crimp	Z04	A2903	N01001A0009



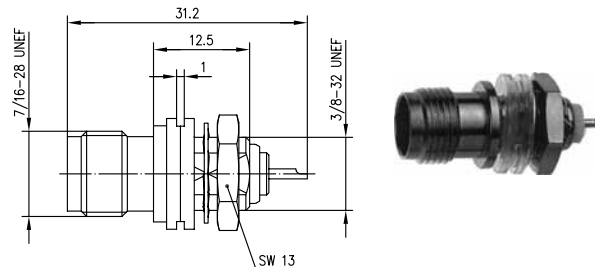
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01011A0061	50	G7 (RG-316/U)	crimp/crimp	Z04	A3516	N01001A0009
J01011A0058	50	G7 (RG-316/U)	solder/crimp with panel and barrier sealing löt/crimp; einbau- und längsdicht	Z04	A4016	N01001A0009
J01011A0060	50	G8 (RD-316)	crimp/crimp	Z04	A3520	N01001A0014
B00031D1275			insulators, colour: transparent Isolierscheibe, Farbe: natur			

TNC Bulkhead Socket

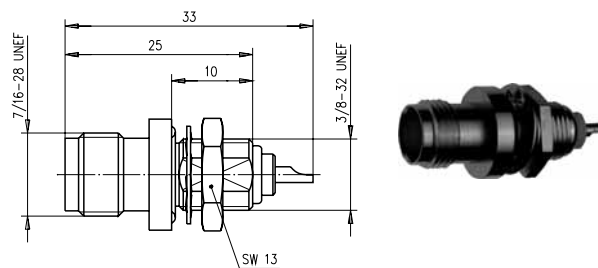
TNC-Einbaubuchse



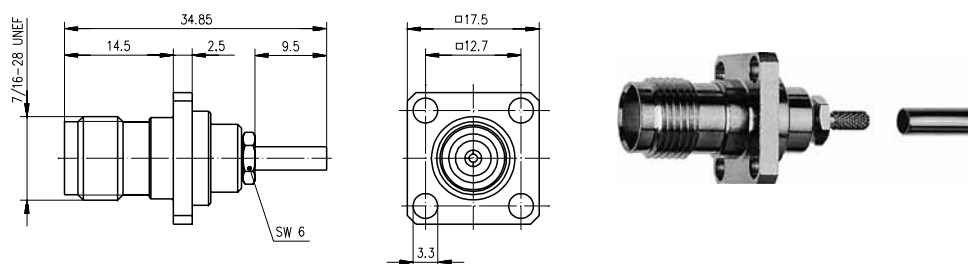
Order no.	Z	Dimensions	Mount. dim.
Bestell-Nr.	Z	Abmessungen	Einbaumaß
J01011A0012	50	a=32, b=10.8	Z01
J01011A2615	50	a=26.8, b=6	Z01
J01013A2218	75	a=31, b=12.5	Z01
J01013A2619	75	a=26.8, b=6	Z01



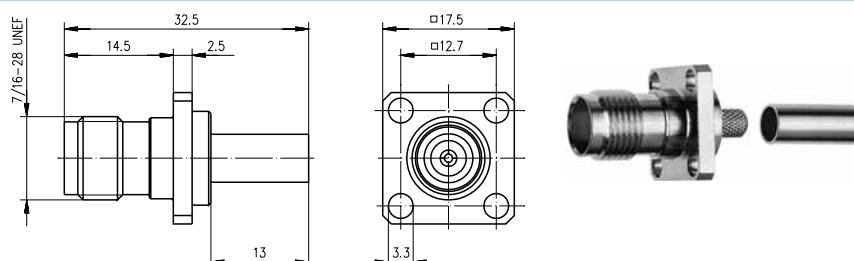
Order no.	Z	Remarks	Mount. dim.
Bestell-Nr.	Z	Anmerkungen	Einbaumaß
J01011A0013	50	insulated mounting isolierter Einbau	Z04
J01013A2286	75	insulated mounting isolierter Einbau	Z04



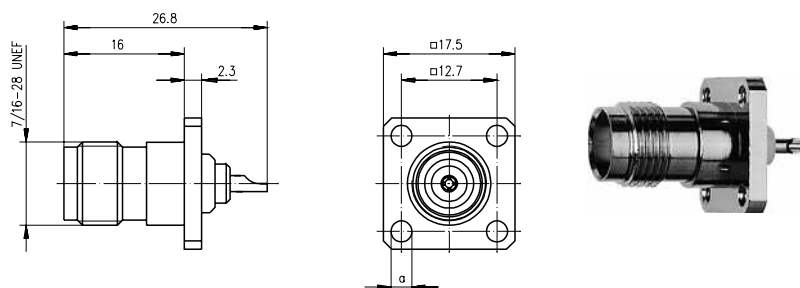
Order no.	Z	Remarks	Mount. dim.
Bestell-Nr.	Z	Anmerkungen	Einbaumaß
J01011A2614	50	with panel seal, barrier sealed mit Dichtring, längsdicht	Z02

TNC Panel Jack
TNC-Kabeleinbaubuchse mit Flansch
2.10


Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01011B0046	50	G7 (RG-316/U)	crimp/crimp	Z54	A2903	N01001A0009
J01011A0053	50	G8 (RD-316)	crimp/crimp	Z54	A2914	N01001A0014

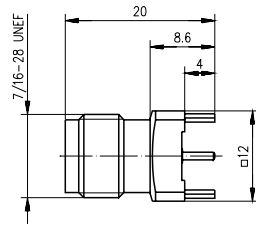


Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01011A0045	50	G1 (RG-58C/U)	crimp/crimp	Z54	A1005	N01001A0005
J01011A0047	50	G5 (RG-223/U)	crimp/crimp	Z54	A1005	N01001A0005

TNC Panel Socket
TNC-Einbaubuchse mit Flansch
2.11


Order no. Bestell-Nr.	Z Z	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß
J01011F0613	50	solder löt	a=3-56" = M2.5	Z05

2.12

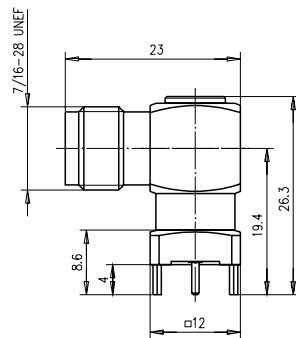
TNC Receptacle, female, for Printed Circuits
TNC-Buchse für gedruckte Schaltungen

Order no. Z Mount. dim.
Bestell-Nr. Z Einbaumaß

J01011A2944 50 Z06

J01013A2946 75 Z06

2.13

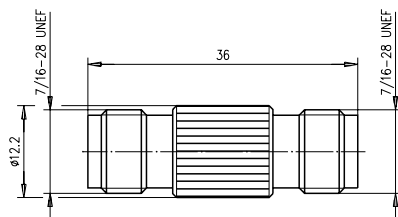
TNC Angle Receptacle, female, for Printed Circuits
TNC-Winkelbuchse für gedruckte Schaltungen

Order no. Z Mount. dim.
Bestell-Nr. Z Einbaumaß

J01011A2948 50 Z06

J01013A2949 75 Z06

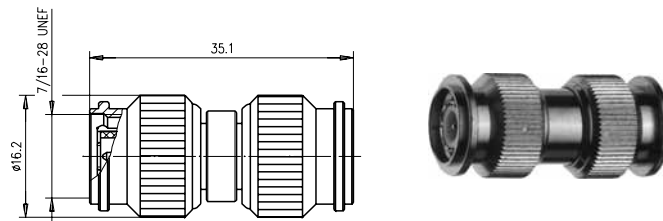
2.14

TNC Adaptor
TNC-Kupplung

Order no. Z Remarks
Bestell-Nr. Z Anmerkungen

J01014A2618 50 f-f

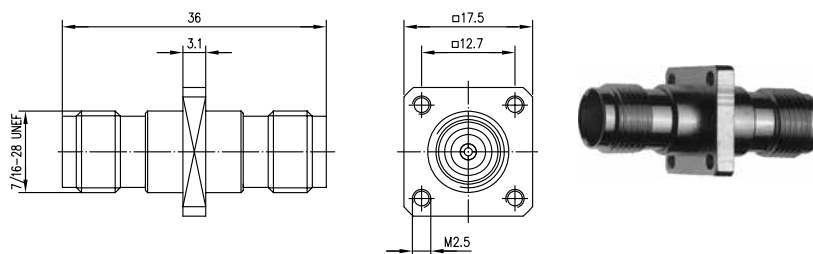
Bu-Bu



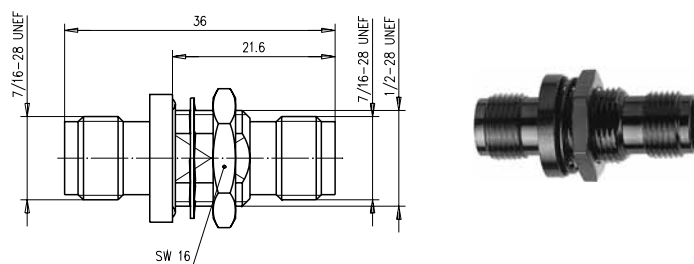
Order no.	Z	Remarks
Bestell-Nr.	Z	Anmerkungen
J01014A2806	50	m-m Sti-Sti

TNC Adaptor for Panel Mounting

TNC-Verbindungsstück

2.15


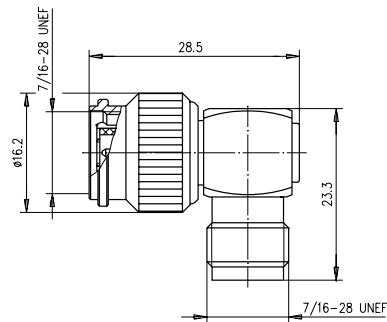
Order no.	Z	Remarks	Mount. dim.
Bestell-Nr.	Z	Anmerkungen	Einbaumaß
J01014A0004	50	f-f Bu-Bu	Z05



Order no.	Z	Remarks	Mount. dim.
Bestell-Nr.	Z	Anmerkungen	Einbaumaß
J01014A2233	50	f-f Bu-Bu	Z04

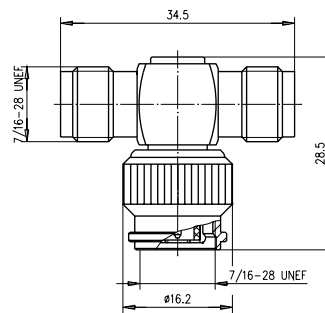
B00031D1275		insulators, colour: transparent Isolierscheibe, Farbe: natur
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2.16

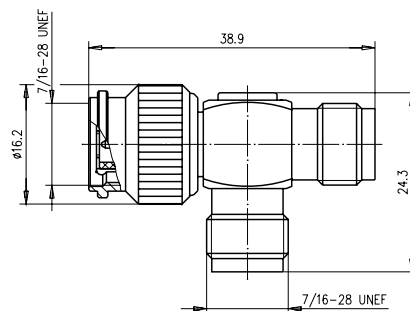
TNC Angle Adaptor
TNC-Winkelverbindungsstück

Order no.	Z	Remarks
Bestell-Nr.	Z	Anmerkungen
J01014A0001	50	m-f Sti-Bu

2.17

TNC T Adaptor
TNC-T-Stück

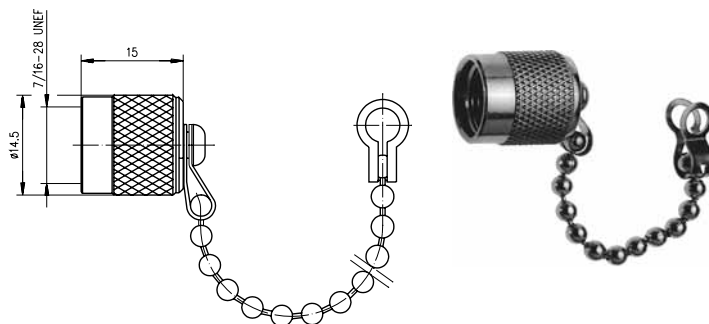
Order no.	Z	Remarks
Bestell-Nr.	Z	Anmerkungen
J01014A0000	50	f-m-f Bu-Sti-Bu



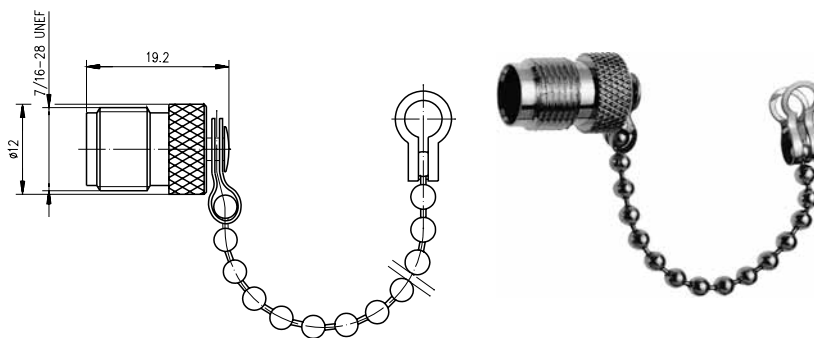
Order no.	Z	Remarks
Bestell-Nr.	Z	Anmerkungen
J01014A0002	50	m-f-f Sti-Bu-Bu

TNC Dust Cap
TNC-Abdeckkappe

2.18



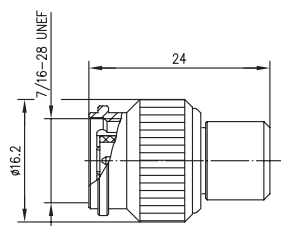
Order no.	Remarks
Bestell-Nr.	Anmerkungen
H00050A0000	m Sti



Order no.	Remarks
Bestell-Nr.	Anmerkungen
H00051A0000	f Bu

TNC Termination
TNC-Abschlusswiderstand

2.19

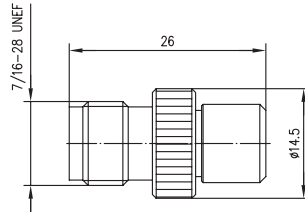


Order no.	Z	Technical Information	Remarks
Bestell-Nr.	Z	Technische Daten	Anmerkungen
J01016A0002	50	1 W; 2 GHz; ≥ 30 dB; 6 GHz; ≥ 21 dB	m Sti

2.19

TNC Termination

TNC-Abschlusswiderstand



Order no.	Z	Technical Information	Remarks
Bestell-Nr.	Z	Technische Daten	Anmerkungen
J01016A0003	50	1 W; 2 GHz/≥ 30 dB; 6 GHz/≥ 21 dB	f Bu

3

N
N





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The N series is a very popular coax connector. It is a medium sized, precision, weatherproof connector supplied with a screw coupling. In some applications this connector can be used up to 11 GHz. Only 50 ohm impedances are available. Connector styles are available for flexible, conformable, semi-rigid and corrugated cable types. Both crimp and clamp cable termination processes are used for this series. Special design techniques for this series of connectors have resulted in excellent levels of performance with regard to return loss (VSWR) and intermodulation distortion. Applications for these connectors vary from signal and data transmission where vibration resistance and environmental protection is required. The N series provides a medium-power high-frequency solution for coax connections. Mating face sealing for N connectors between plug and jack (mated) according to IP 68. This classification is a general statement for the relevant series. Individual connectors may deviate from the values shown. If in doubt, please consult our engineers.

Die Serie N umfasst weit verbreitete koaxiale Steckverbindungen mittlerer Baugröße. Sie verfügen über eine Schraubverbindung und sind im Steckgesicht wasserdicht. Diese können je nach Bauform bis zu einer Frequenz von 11 GHz eingesetzt werden. Der Wellenwiderstand beträgt 50 Ohm. Steckverbindervarianten gibt es für flexible, Semi-Flex-, Semi-Rigid- und Wellmantelkabel. Kabel werden je nach Ausführung durch Crimpen, Klemmen oder Löten angeschlossen. Aufgrund ihres konstruktiven Aufbaus werden sehr gute elektrische Werte bei der Rückflussdämpfung (VSWR) und Intermodulation erzielt. Die Steckverbinder der Serie N sind vibrationsfest und werden in der Signal- und Datenübertragung eingesetzt. N-Steckverbinder eignen sich besonders für koaxiale Verbindungen zur Übertragung mittlerer Leistungen bei hohen Frequenzen. Diese Steckverbinder erfüllen die Querdichtigkeit im Steckgesicht zwischen Stecker und Buchse im gesteckten Zustand gemäß IP 68. Diese Schutzklasse ist pauschal für die Serie N festgelegt worden. Für einzelne Steckverbindungen kann es zu Abweichungen kommen. Im Zweifelsfall bitte anfragen.

Mechanical Characteristics

Recommended coupling torque	4 - 6 Nm	Empfohlenes Kupplungsdrehmoment
Durability (mating cycles)	≥ 500	Lebensdauer (Steckungen)
Material: Spring contacts	CuBe2, CuPb1.15Ni1 (C97)	Werkstoff: Federnde Kontakteile
Material: Outer conductor	CuZn39Pb3	Werkstoff: Außenleiter
Material: Other metal parts	CuZn39Pb3	Werkstoff: Sonstige Metallteile
Material: Insulators	PTFE	Werkstoff: Isolierteile
Material: Gaskets	Silicon	Werkstoff: Dichtungen
Finish: Inner conductor	Cu2Ag5	Oberfläche: Innenleiter
Finish: Outer conductor	CuSnZn3 (Telealloy); Ag2CuSnZn0.5 (Optargen)	Oberfläche: Außenleiter
Finish: Other metal parts	CuSnZn3 (Telealloy), Cu2Ni5	Oberfläche: Sonstige Metallteile

Mechanische Eigenschaften

Climatic Characteristics

Climatic category acc. to IEC 68 - 1	40/155/21	Prüfklasse nach DIN IEC 68 Teil 1
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Thermische und klimatische Eigenschaften

Electrical Characteristics

Contact resistance inner conductor	≤ 2 mΩ	Durchgangswiderstand Innenleiter
Contact resistance outer conductor	≤ 0.5 mΩ	Durchgangswiderstand Außenleiter
Insulation resistance	≥ 5 GΩ	Isolationswiderstand
Voltage proof	2.5 kV _{eff} /50 Hz	Spannungsfestigkeit
Impedance	50 Ω	Wellenwiderstand
Return loss: Straight style	≥ 30.5 dB/1 GHz	Rückflussdämpfung: Gerade Ausführung
Return loss: Angle style	≥ 30.5 dB/1 GHz	Rückflussdämpfung: Winkel Ausführung
Working voltage	≤ 1 kV _{eff} /50 Hz	Betriebsspannung
Frequency range up to	11 GHz	Frequenzbereich bis

Elektrische Eigenschaften

Standards

IEC 60 169-16

Normen

IEC 60 169-16

The Return Loss values shown above correspond to the IEC standard 60 169-16. In most cases, the RF connectors from Telegärtner fulfill or exceed these requirements. Depending on the design and cable type, however, particular connectors could deviate from the norm. The exact parameters of individual products are available upon request.

Die oben angeführten Rückflussdämpfungswerte entsprechen der IEC-Norm 60 169-16. Die Telegärtner-Steckverbinder erfüllen oder übertreffen in den meisten Fällen diese Normwerte. Je nach Ausführung und Kabeltype können einzelne Steckverbinder jedoch abweichen. Die genauen Parameter der einzelnen Produkte sind auf Anfrage erhältlich.

Note

Combination connectors and cable clamps can be utilised to create a further number of N connector variations.

Hinweis

Weitere N-Steckverbindervarianten können durch die Kombination von Normköpfen und Kabelabfangungen zusammengestellt werden.

Available Types of Connectors for Corrugated Cable

Telegärtner N connectors for feeder (less flexible) and jumper cables (highly flexible) are available in 4 different designs as follows:

Standard

Waterproof types for feeder and jumper cables.

Short

Compact types for feeder and jumper cables. Self-adhesive sleeving is necessary for waterproof external installation.

SIMFix

For fast and simple connections. Designed for feeder cables. Waterproof.

Pro Types / Plus Types (SIMFix Pro / SIMFix Plus)

Barrier sealed version with additional sealing of outer conductor; IP 68

Steckverbinder-Ausführungen für Wellmantelkabel

Bei Telegärtner N Steckverbindern für Feeder Kabel (wenig flexible) und Jumper Kabel (hochflexibel) lassen sich 4 Ausführungen unterscheiden:

Standard

Wasserdichte Ausführungen für Feeder und Jumper Kabel

Kurz

Kompakte Ausführungen für Feeder und Jumper Kabel. Klebeschrumpfschlauch für Einsatz im Freien (Wasserdichtigkeit) erforderlich.

SIMFix

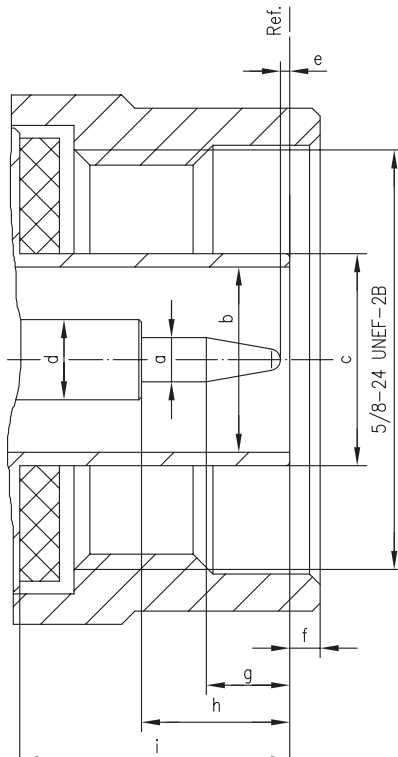
Schnellanschluss-Ausführungen für Feeder Kabel. Wasserdicht.

Pro Typen / Plus Typen (SIMFix Pro / SIMFix Plus)

Längs- und querdichte Ausführung mit zusätzlicher Außenleiterabdichtung; IP 68.

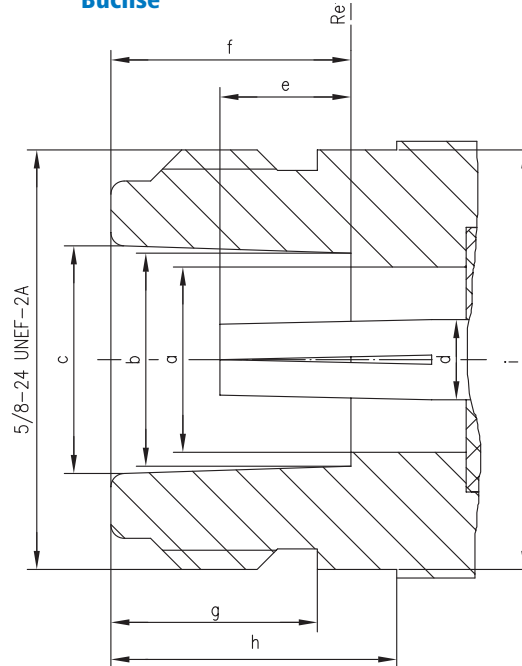
N Mating Face N -Steckgesicht

Plug Stecker



	[mm]		[inch]	
	min.	max.	min.	max.
a	1.60	1.676	0.063	0.066
b	7.00	7.00	0.2756	0.2756
c	-	8.027	-	0.316
d	3.04	3.04	0.120	0.120
e	0.0	1.57	0.0	0.062
f	0.41	1.52	0.016	0.060
g	2.79	3.56	0.110	0.140
h	5.33	-	0.210	-
i	9.25	-	0.364	-

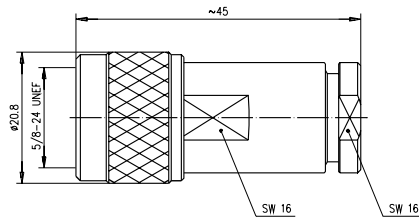
Jack Buchse



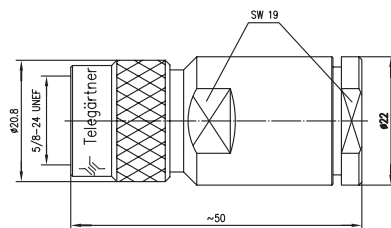
	[mm]		[inch]	
	min.	max.	min.	max.
a	-	7.06	-	0.278
b	8.027	8.13	0.316	0.320
c	8.53	8.74	0.336	0.344
d	3.04	3.04	0.120	0.120
e	4.75	5.26	0.187	0.207
f	9.05	9.19	0.356	0.362
g	6.76	-	0.266	-
h	10.72	-	0.422	-
i	-	15.93	-	0.627

N Straight Plug
N-Kabelstecker

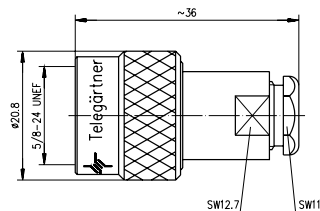
3.1



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01020H1070	RG-213/U; RG-214/U; 9880 Belden	solder/clamp; pressure sleeve IP 67 löt/klemm; Druckverschraubung IP 67	B01



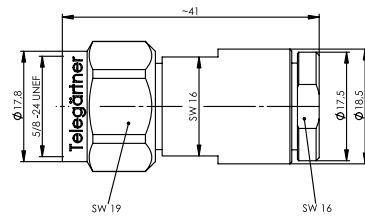
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01020A0029	G46 (4.2/11.5)	solder/clamp; pressure sleeve IP 67 löt/klemm; Druckverschraubung IP 67	B74
J01020B0029	G47 (4.5/11.5)	solder/screw; pressure sleeve IP 67 löt/schraub; Druckverschraubung IP 67	B74



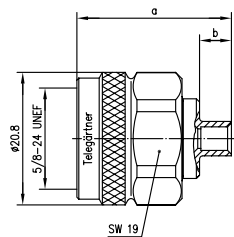
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	MIL-Std. MIL-Std.
J01020A0016	G3 (RG-178B/U)	solder/clamp; pressure sleeve IP 67 löt/klemm; Druckverschraubung IP 67	B02	-
J01020A0015	G7 (RG-316/U)	solder/clamp; pressure sleeve IP 67 löt/klemm; Druckverschraubung IP 67	B02	-
J01020B1276	G1 (RG-58C/U); G5 (RG-223/U); 1.0/2.95 AF	solder/clamp; pressure sleeve IP 67 löt/klemm; Druckverschraubung IP 67	B03	UG-536A/U
J01020A0062	G9 (UT-250)	solder/clamp; pressure sleeve IP 67 löt/klemm; Druckverschraubung IP 67	B49	-

3.1

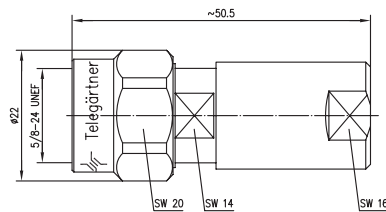
N Straight Plug N-Kabelstecker



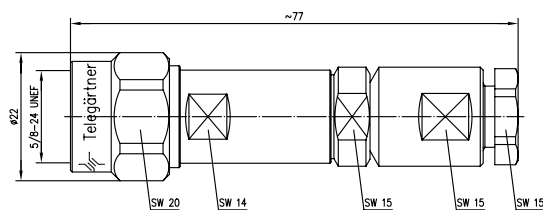
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01020A0149	G37 (2.7/7.25); G42 (2.7/7.1); H500; Aircom Plus	solder/clamp; pressure sleeve IP 67 löt/klemm; Druckverschraubung IP 67	B82



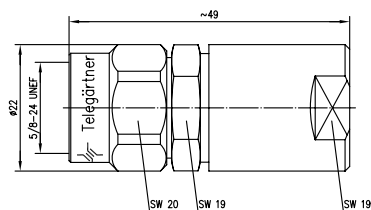
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Dimensions Abmessungen	Assembly Montage.
J01020A0109	G10 (UT-141)	a=24.3, b=5	B71
J01020A0112	G9 (UT-250); OE 5085	a=26.4, b=4.4	B72



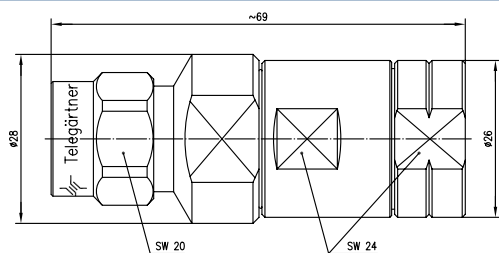
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01020A0028	G36 (1/4")	Standard	B25



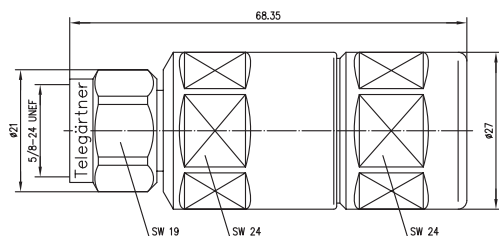
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01020A0033	G20 (1/4")	standard; pressure sleeve Standard; Druckverschraubung	B35



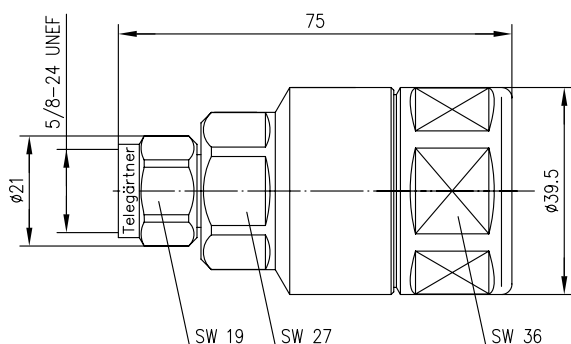
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01020A0010	LCF 38-50 J	Standard	B29
J01020A0031	LDF2-50 Andrew	Standard	B29



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
J01020A0105	G23 (1/2" FLEX)	SIMFix Plus IP 68; pressure sleeve SIMFix Plus IP 68; Druckverschraubung
J01020A0098	G23 (1/2" FLEX)	SIMFix IP 67; pressure sleeve SIMFix IP 67; Druckverschraubung

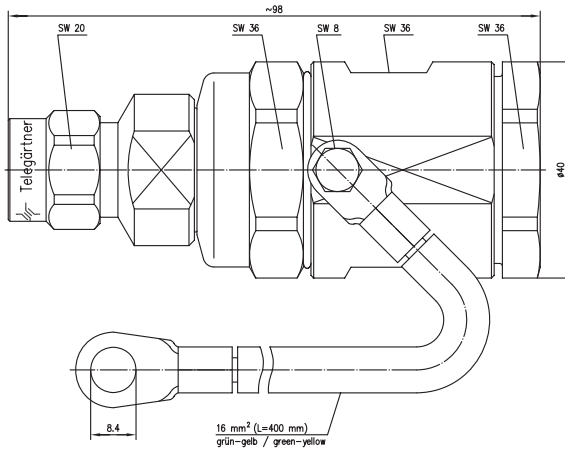


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
J01020B0141	G21 (1/2")	SIMFix Pro IP 68

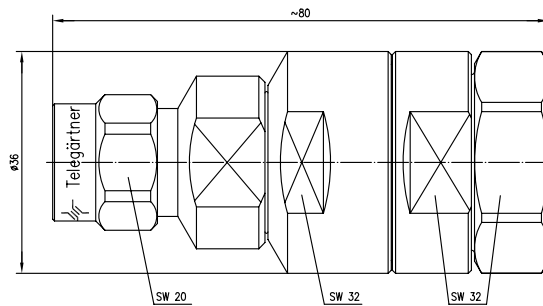


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
J01020B0142	G24 (7/8")	SIMFix Pro IP 68
J01020D0142	RFE 7/8"-50; HFSC 22D	SIMFix Pro IP 68

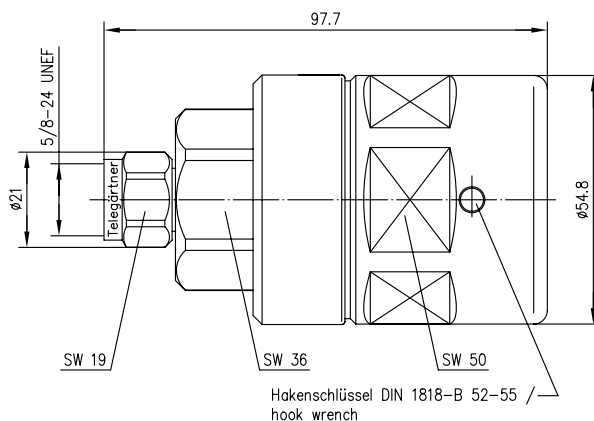
N Straight Plug N-Kabelstecker



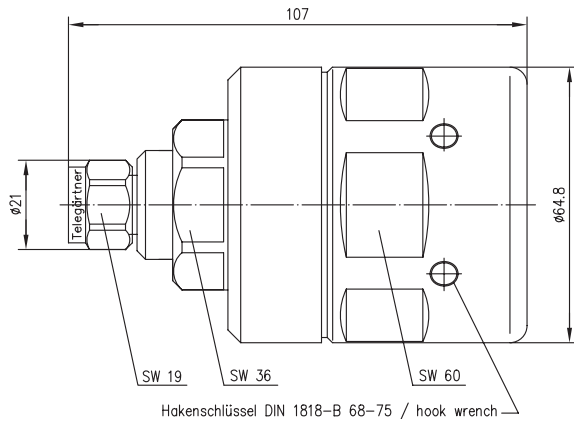
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01020A0077	RFXT 7/8"-50	SIMFix; pressure sleeve SIMFix; Druckverschraubung	B53



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01020A0099	RFF 7/8"-50	short kurz	B52



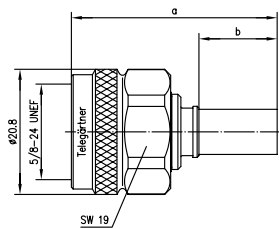
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
J01020B0143	G33 (1 1/4")	SIMFix Pro IP 68



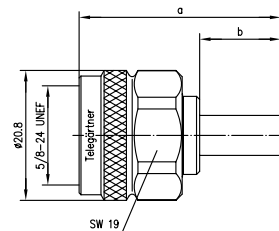
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
J01020B0144	G26 (1 5/8")	SIMFix Pro IP 68

N Straight Plug Crimp N-Kabelstecker Crimp

3.2



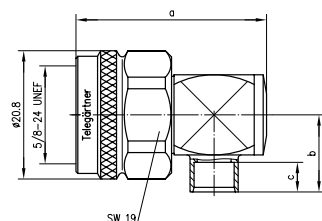
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01020A0119	G30 (1.5/3.8)	crimp/crimp	a=34.2, b=13	B3306	N01001A0007
J01020A0131	9880 Belden	crimp/crimp	a=36.5, b=14.5	B3412	N01001D1274
J01020A0127	G37 (2.7/7.25)	crimp/crimp	a=36.5, b=14.5	B3426	N01001A0030
J01020A0133	G42 (2.7/7.1); AA-5886	crimp/crimp	a=36.6, b=14.5	B3426	N01001A0030
J01020A0107	RG-213/U	crimp/crimp	a=36.5, b=14.5	B3412	N01001D1274
J01020A0110	RG-214/U	crimp/crimp	a=36.5, b=14.5	B3412	N01001D1274
J01020A0132	K 07252 D-01; RG-393/U	crimp/crimp	a=36.5, b=14.5	B3426	N01001A0030



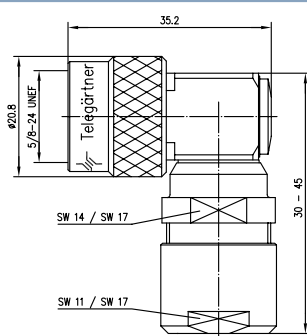
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01020A0103	G7 (RG- 316/U)	crimp/crimp	a=27.5, b=9.5	B3116	N01001A0009
J01020A0104	G8 (RD-316)	crimp/crimp	a=27.5, b=9.5	B3120	N01001A0014
J01020A0108	G1 (RG-58C/U)	crimp/crimp	a=32.5, b=13	B3305	N01001A0005
J01020A0113	G5 (RG-223/U)	crimp/crimp	a=32.5, b=13.5	B3305	N01001A0005

N Angle Plug

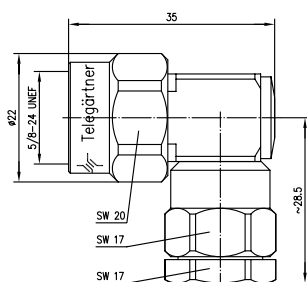
N-Kabelwinkelstecker



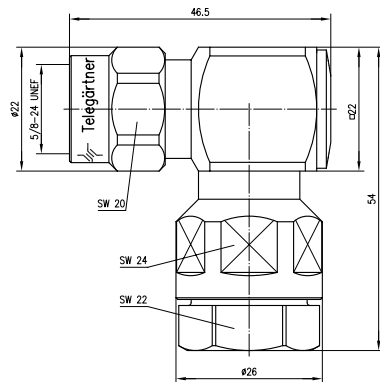
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Dimensions Abmessungen	Assembly Montage
J01020A0063	G9 (UT-250)	a=31, b=12.5, c=4.8	B40
J01020B0041	G10 (UT-141)	a=27.5, b=10, c=4	B47



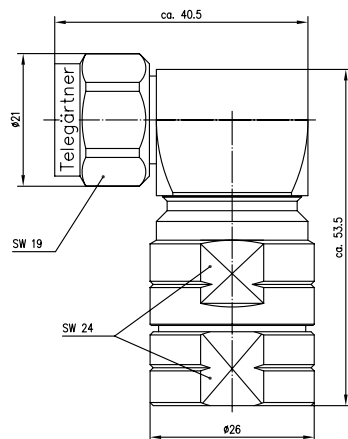
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	MIL-Std. MIL-Std.
J01020A0122	G1 (RG-58C/U); G5 (RG-223/U); RG 141 A/U; RG-142 B/U; 1.0/2.95 AF	MIL-clamp MIL-Verschraubung	D01	-
J01020A0123	G42 (2.7/7.1); RG-213/U; RG-11A/U; AA 5886	MIL-clamp MIL-Verschraubung	D04	UG-594/U
J01020A0129	RG-214/U; RG-393/U; 9880 Belden	MIL-clamp MIL-Verschraubung	D04	-



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01020A0124	SCF38-50J	short; pressure sleeve kurz; Druckverschraubung	D07
J01020A0126	G20 (1/4")	short; pressure sleeve kurz; Druckverschraubung	B62



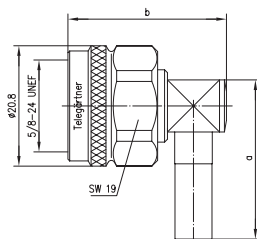
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01020A0044	G21 (1/2")	short kurz	B42



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01020A0147	G23 (1/2" FLEX)	SIMFix Pro IP 68; pressure sleeve SIMFix Pro IP 68; Druckverschraubung	B68

N Angle Plug Crimp N-Kabelwinkelstecker Crimp

3.4



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01020A0040	G7 (RG-316/U)	solder/crimp löt/crimp	a=24, b=27.5	B1803	N01001A0009
J01020A0039	G8 (RD-316)	solder/crimp löt/crimp	a=24, b=27.5	B1814	N01001A0014
J01020A0035	G1 (RG-58C/U); RG-141A/U	solder/crimp löt/crimp	a=27.5, b=27.5	B1805	N01001A0005

3.4

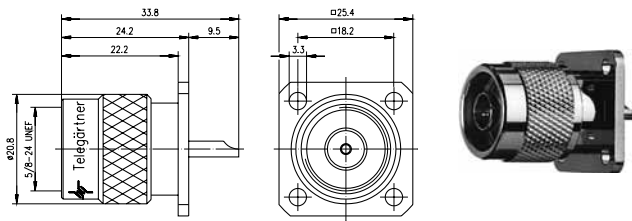
3.4

N Angle Plug Crimp N-Kabelwinkelstecker Crimp

Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01020A0036	G5 (RG-223/U); RG-142B/U; 1.0/2.95 AF	solder/crimp löt/crimp	a=28, b=27.5	B1805	N01001A0005
J01020A0097	G30 (1.5/3.8); LMR-240	solder/crimp löt/crimp	a=31, b=31	B1806	N01001A0007
J01020A0046	G42 (2.7/7.1); RG-213/U; AA5886	solder/crimp löt/crimp	a=31, b=31	B1812	N01001D1274
J01020A0045	RG-214/U; RG-393/U	solder/crimp löt/crimp	a=29.5, b=31	B1812	N01001D1274
J01020B0081	G37 (2.7/7.25)	solder/crimp löt/crimp	a=31, b=31	B1812	N01001D1274

3.5

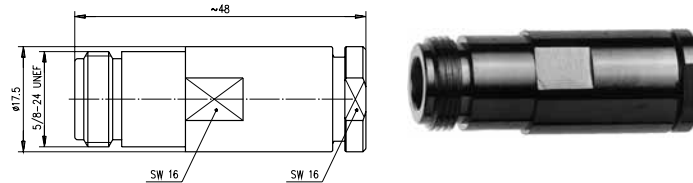
N Panel Receptacle, male N-Einbaustecker mit Flansch



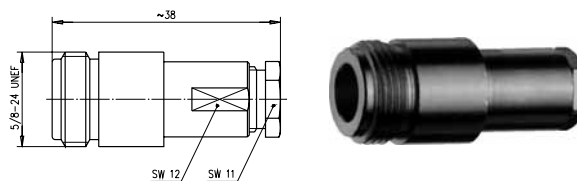
Order no. Bestell-Nr.	Mount. dim. Einbaumaß
J01020A0032	Z08

3.6

N Straight Jack N-Kabelbuchse

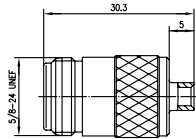


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	MIL-Std. MIL-Std.
J01021H1076	RG-213/U; RG-214/U; 9880 Belden	pressure sleeve IP 67 Druckverschraubung IP 67	B04	UG-23/U

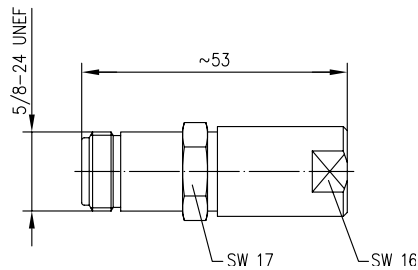


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01021H0080	G3 (RG-178B/U)	pressure sleeve IP 67 Druckverschraubung IP 67	B05
J01021H0019	G7 (RG-316/U)	pressure sleeve IP 67 Druckverschraubung IP 67	B05

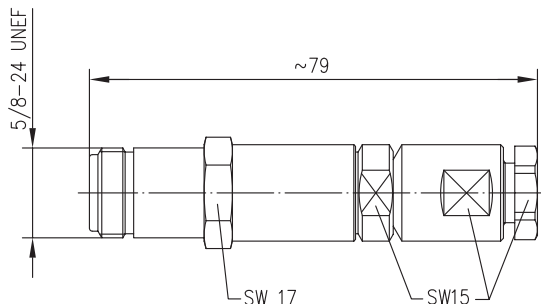
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01021H0020	G8 (RD-316)	pressure sleeve IP 67 Druckverschraubung IP 67	B05
J01021H0021	G1 (RG-58C/U); G5 (RG-223/U); 1.0/2.95 AF	pressure sleeve IP 67 Druckverschraubung IP 67	B06
J01021H0070	G11 (UT-85)	pressure sleeve IP 67 Druckverschraubung IP 67	B15



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Assembly Montage
J01021A0165	G10 (UT-141)	B64

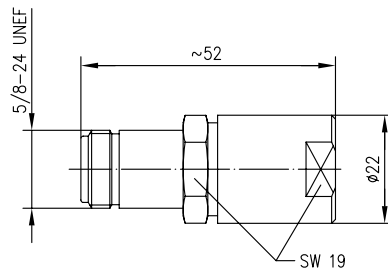


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01021A0043	G36 (1/4")	Standard	B25

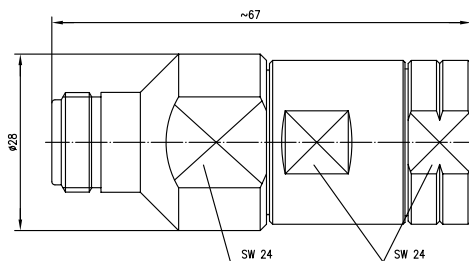


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01021A0106	G20 (1/4")	standard; pressure sleeve Standard; Druckverschraubung	B35

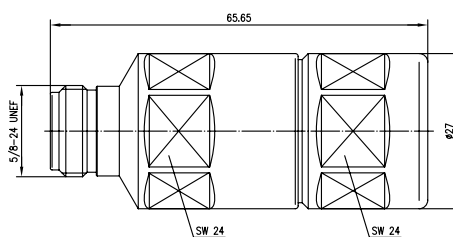
N Straight Jack N-Kabelbuchse



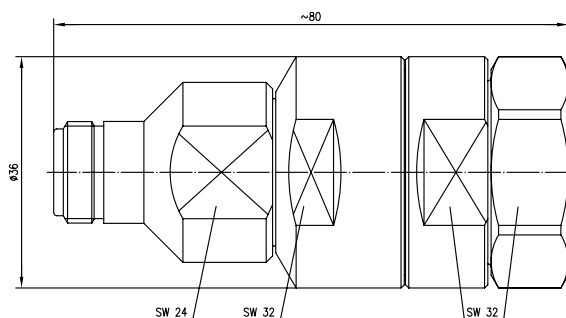
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01021A0041	G28 (3/8")	Standard	B29
J01021A0045	LDF2-50	Standard	B29



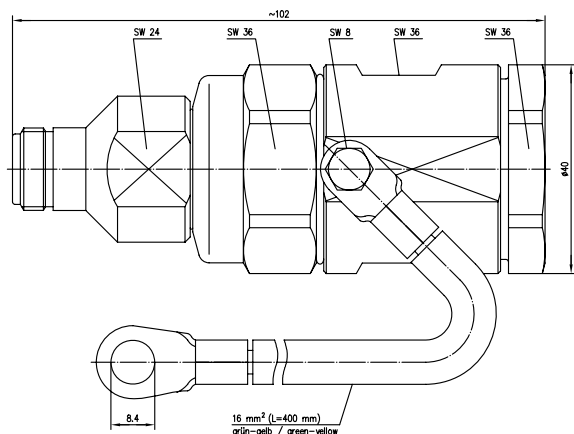
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01021A0156	G23 (1/2" FLEX)	SIMFix IP 67; pressure sleeve SIMFix IP 67; Druckverschraubung	B65
J01021A0163	G23 (1/2")	SIMFix IP 67; pressure sleeve SIMFix Plus IP 68; Druckverschraubung	B68



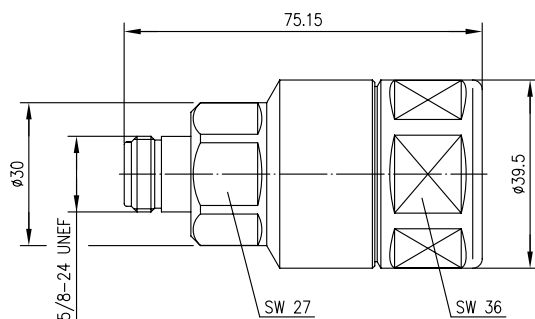
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01021B0174	G21 (1/2")	SIMFix Pro IP 68	B78



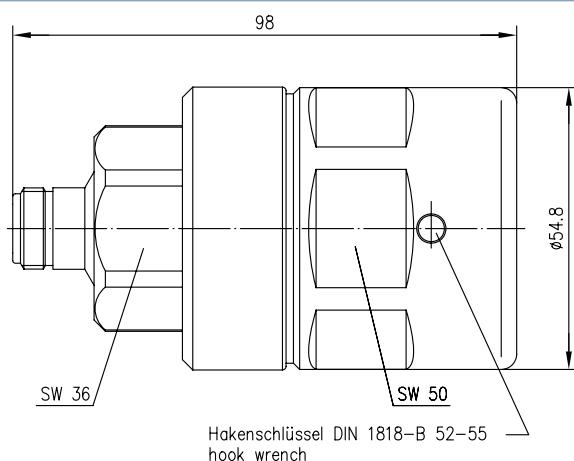
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01021A0157	RFF 7/8"-50	short Kurz	B52



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01021A0052	RFXT 7/8"-50	SIMFix	B53

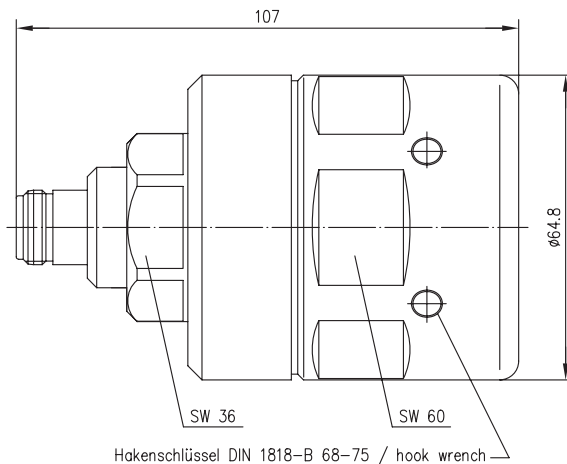


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01021B0175	G24 (7/8")	SIMFix Pro IP 68	B79
J01021D0175	RFE 7/8"-50; HFSC 22D	SIMFix Pro IP 68	B79



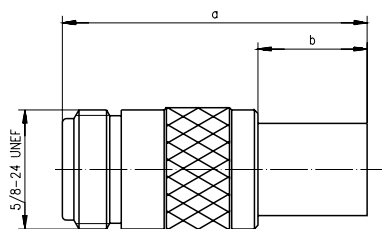
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01021B0178	G33 (1 1/4")	SIMFix Pro IP 68	B80

N Straight Jack N-Kabelbuchse

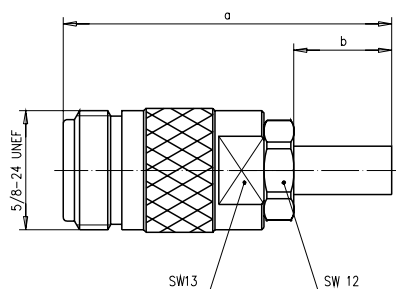


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
J01021B0179	G26 (1 5/8")	SIMFix Pro IP 68

N Straight Jack Crimp N-Kabelbuchse Crimp

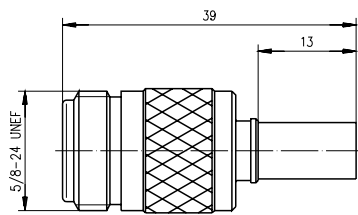


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01021A0063	G1 (RG-58C/U)	crimp/crimp	a=38.5, b=13	B2905	N01001A0005
J01021A0061	RG-213/U	crimp/crimp	a=40, b=14.5	B3026	N01001A0030
J01021A0145	RG-214/U	crimp/crimp	a=38.5, b=13	B2912	N01001D1274
J01021A0146	G5 (RG-223/U)	crimp/crimp	a=39, b=13.5	B2905	N01001A0005



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01021H0096	G1 (RG-58C/U)	solder/crimp löt/crimp	a=43.5, b=13	B0905	N01001A0005

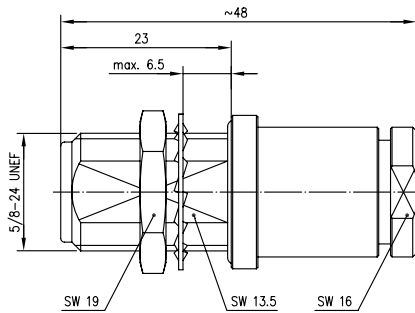
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01021H0096	G1 (RG-58C/U)	solder/crimp löt/crimp	a=43.5, b=13	B0905	N01001A0005
J01021H0097	G5 (RG-223/U); RG-142 B/U; 1.0/2.95 AF	solder/crimp löt/crimp	a=44, b=13.5	B0905	N01001A0005
J01021H0098	RG-213/U	solder/crimp löt/crimp	a=45, b=14.5	B0912	N01001D1274
J01021H0099	RG-214/U; RG-393/U	solder/crimp löt/crimp	a=43.5, b=13	B0912	N01001D1274
J01021A0155	G37 (2.7/7.25)	solder/crimp löt/crimp	a=45, b=14.5	B3026	N01001A0030
J01021A0160	G42 (2.7/7.1); AA-5886	solder/crimp löt/crimp	a=45, b=14.5	B3212	N01001D1274



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01021A0117	G30 (1.5/3.8); LMR-240	solder/crimp löt/crimp	B1006	N01001A0007

N Bulkhead Jack N-Kabeleinbaubuchse

3.8

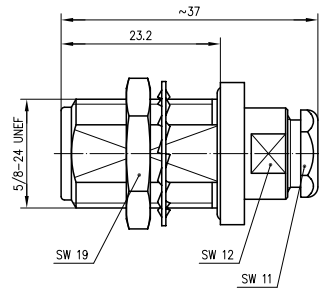


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	MIL-Std. MIL-Std.
J01021H1078	RG-213/U; RG-214/U; 9880 Belden	pressure sleeve IP 67 Druckverschraubung IP 67	Z10	B04	UG-160/U

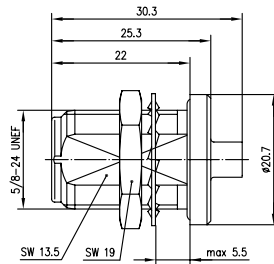
3.8

N Bulkhead Jack

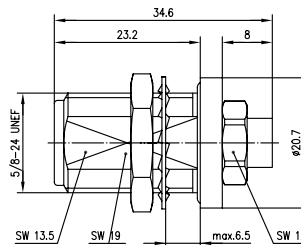
N-Kabeleinbaubuchse



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage
J01021H0087	G11 (UT-85)	pressure sleeve IP 67 Druckverschraubung IP 67	Z10	B15
J01021H0081	G3 (RG-178B/U)	pressure sleeve IP 67 Druckverschraubung IP 67	Z10	B05
J01021H1003	G7 (RG-316/U)	pressure sleeve IP 67 Druckverschraubung IP 67	Z10	B05
J01021H0004	G8 (RD-316)	pressure sleeve IP 67 Druckverschraubung IP 67	Z10	B05
J01021H1171	G1 (RG-58C/U); G5 (RG-223/U); RG-142 B/U; RG-141 A/U; 1.0/2.95 AF	pressure sleeve IP 67 Druckverschraubung IP 67	Z10	B06



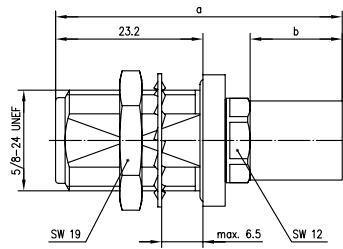
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage
J01021A0151	G10 (UT-141)	IP 67	Z10	B64



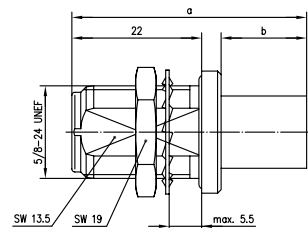
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Mount. dim. Einbaumaß	Assembly Montage
J01021A0109	G9 (UT-250)	Z10	B37

N Bulkhead Jack Crimp
N-Kabeleinbaubuchse Crimp

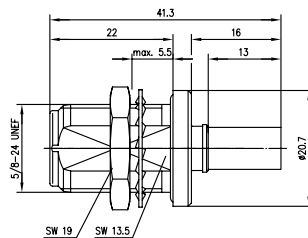
3.9



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01021H0088	G1 (RG-58C/U); RG-141 A/U	solder/crimp löt/crimp	a=43.5, b=13	Z10	B0905	N01001A0005
J01021H0089	G5 (RG-223/U); RG-142 B/U; 1.0/2.95 AF	solder/crimp löt/crimp	a=44, b=13.5	Z10	B0905	N01001A0005
J01021H0095	RG-213/U	solder/crimp löt/crimp	a=45, b=14.5	Z10	B0912	N01001D1274
J01021H0035	RG-214/U; RG-393/U	solder/crimp löt/crimp	a=45, b=14.5	Z10	B0912	N01001D1274



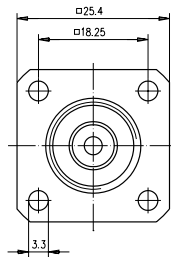
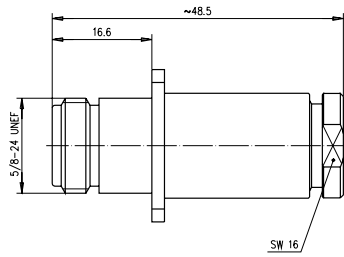
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01021A0147	G1 (RG-58C/U)	crimp/crimp	a=38.5, b=13	Z10	B2905	N01001A0005
J01021A0148	G5 (RG-223/U)	crimp/crimp	a=39, b=13.5	Z10	B2905	N01001A0005
J01021A0060	RG-213/U	crimp/crimp	a=40, b=14.5	Z10	B2912	N01001D1274
J01021A0092	RG-214/U	crimp/crimp	a=38.5, b=13	Z10	B2912	N01001D1274



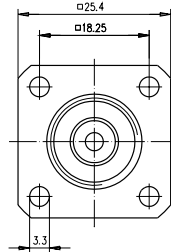
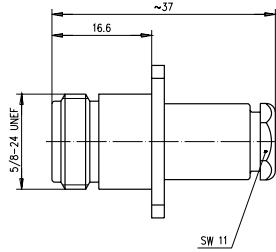
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage
J01021B0180	G30 (1.5/3.8)	crimp/crimp	Z10	B3606

N Panel Jack

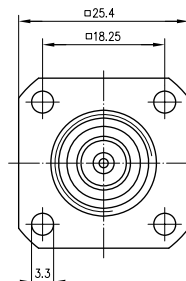
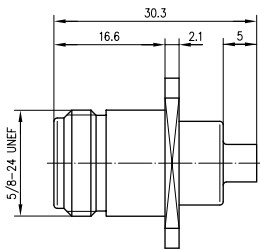
N-Kabeleinbaubuchse mit Flansch



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	MIL-Std. MIL-Std.
J01021H1080	RG-213/U; RG-214/U; 9880 Belden	pressure sleeve IP 67 Druckverschraubung IP 67	Z08	B04	UG-22/U



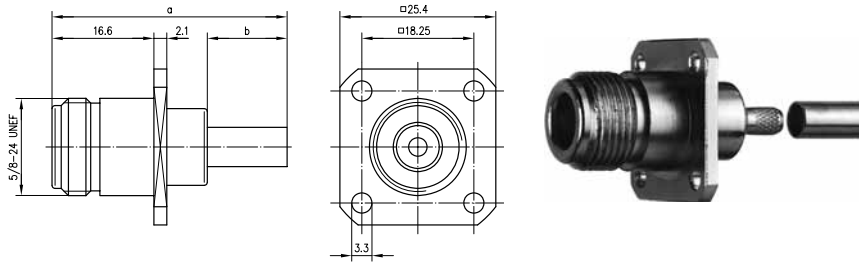
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	MIL-Std. MIL-Std.
J01021H0085	G11 (UT-85)	pressure sleeve IP 67 Druckverschraubung IP 67	Z08	B15	-
J01021H0066	G3 (RG-178B/U)	pressure sleeve IP 67 Druckverschraubung IP 67	Z08	B05	-
J01021H0022	G7 (RG-316/U)	pressure sleeve IP 67 Druckverschraubung IP 67	Z08	B05	-
J01021H0023	G8 (RD-316)	pressure sleeve IP 67 Druckverschraubung IP 67	Z08	B05	-
J01021H1119	G1 (RG-58C/U); G5 (RG-223/U); RG-141 A/U; 1.0/2.95 AF	pressure sleeve IP 67 Druckverschraubung IP 67	Z08	B06	UG-1095/U
J01021B0050	G30 (1.5/3.8); LMR-240	pressure sleeve IP 67 Druckverschraubung IP 67	Z08	B06	-



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage
J01021A0164	G10 (UT-141)	IP 67	Z08	B64

N Panel Jack Crimp N-Kabeleinbaubuchse mit Flansch Crimp

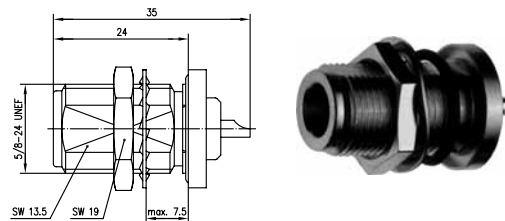
3.11



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01021A0152	G1 (RG-58C/U)	crimp/crimp	a=38.5, b=13	Z08	B2905	N01001A0005
J01021A0153	G5 (RG-223/U)	crimp/crimp	a=39, b=13.5	Z08	B2905	N01001A0005
J01021A0149	RG-213/U	crimp/crimp	a=40.5, b=14.5	Z08	B2912	N01001D1274
J01021A0150	RG-214/U	crimp/crimp	a=38.5, b=13	Z08	B2912	N01001D1274

N Bulkhead Socket N-Einbaubuchse

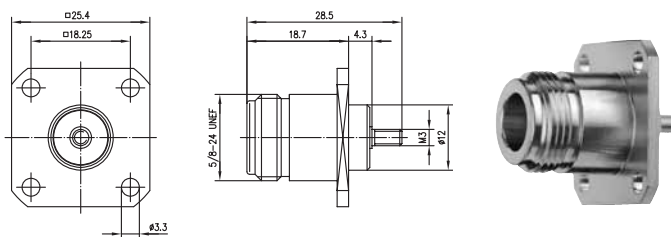
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Order no. Bestell-Nr.	Mount. dim. Einbaumaß
J01021A1084	Z10

N Panel Receptacle, female N-Einbaubuchse mit Flansch

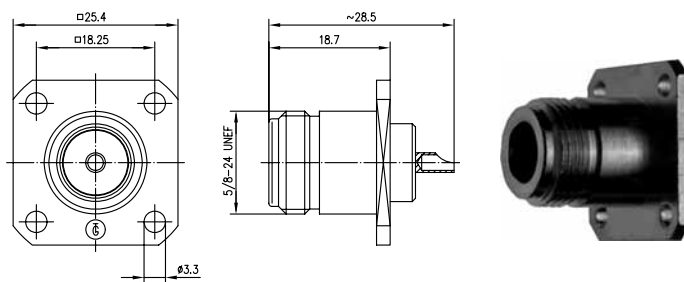
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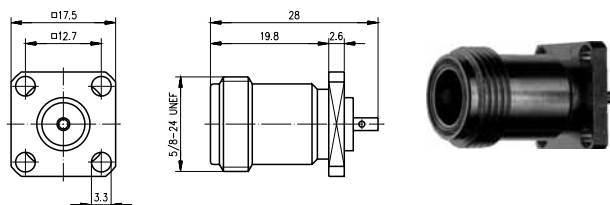
Order no. Bestell-Nr.	Dimensions Abmessungen	Mount. dim. Einbaumaß
J01021B0008	inner conductor gold plated Innenleiter vergoldet	Z08

3.13

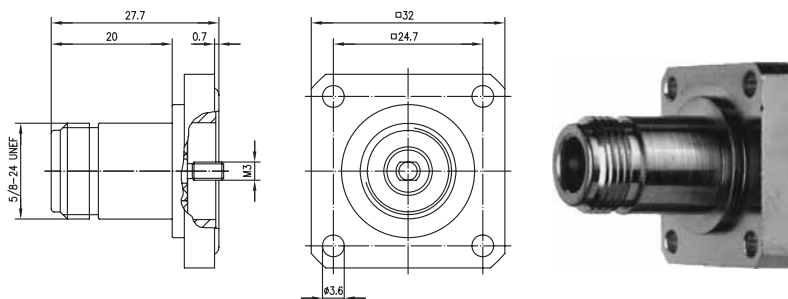
N Panel Receptacle, female N-Einbaubuchse mit Flansch



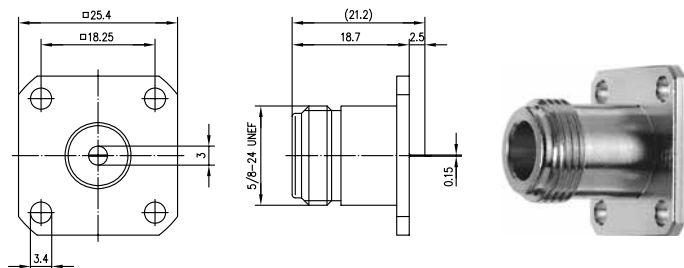
Order no. Bestell-Nr.	Mount. dim. Einbaumaß	MIL-Std. MIL-Std.
J01021H1082	Z08	UG 58/U



Order no. Bestell-Nr.	Mount. dim. Einbaumaß
J01021B0007	Z43



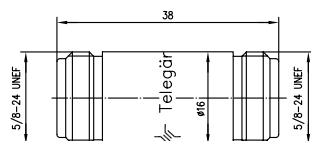
Order no. Bestell-Nr.	Mount. dim. Einbaumaß
J01021H1059	Z62



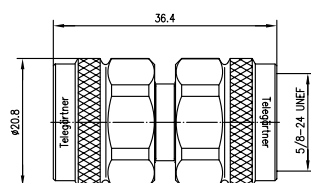
Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01021A0139	strip line termination Streifenleiteranschluss	Z08

**N Adaptor
N-Kupplung**

3.14



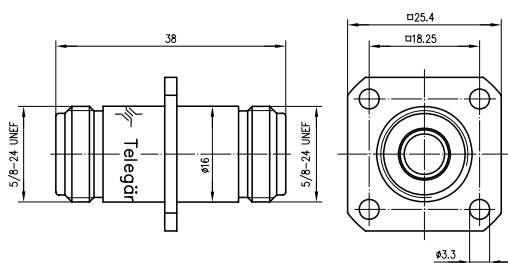
Order no. Bestell-Nr.	Remarks Anmerkungen	MIL-Std. MIL-Std.
J01024A0004	f-f IP 68 Bu-Bu IP 68	UG-29 A/U



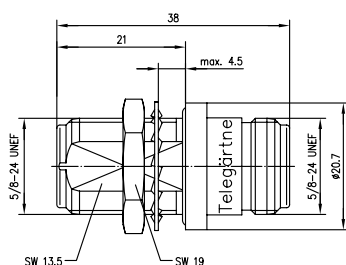
Order no. Bestell-Nr.	Remarks Anmerkungen	MIL-Std. MIL-Std.
J01024J1094	m-m Sti-Sti	UG-57/U

**N Adaptor for Panel Mounting
N-Verbindungsstück**

3.15



Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß	MIL-Std. MIL-Std.
J01024A0005	f-f IP 68 Bu-Bu IP 68	Z08	UG-129/U

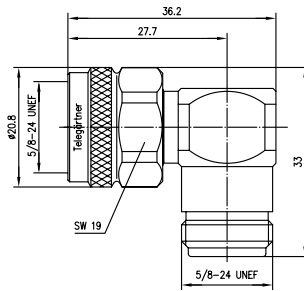


Order no. Bestell-Nr.	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	MIL-Std. MIL-Std.
J01024A0006	f-f IP 68 Bu-Bu IP 68	f-f IP 68 Bu-Bu IP 68	Z10	UG-30/U

3.16

N Angle Adaptor

N-Winkelverbindungsstück

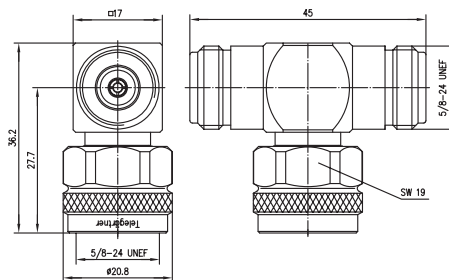


Order no.	Remarks	MIL-Std.
Bestell-Nr.	Anmerkungen	MIL-Std.
J01024J1096	m-f IP 67 Sti-Bu IP 67	UG-27/U

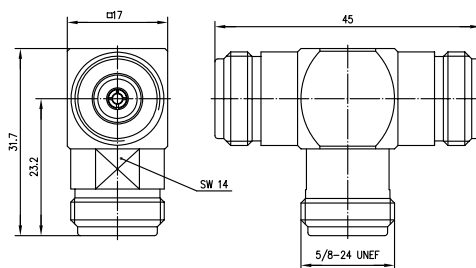
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N T Adaptor

N-T-Stück



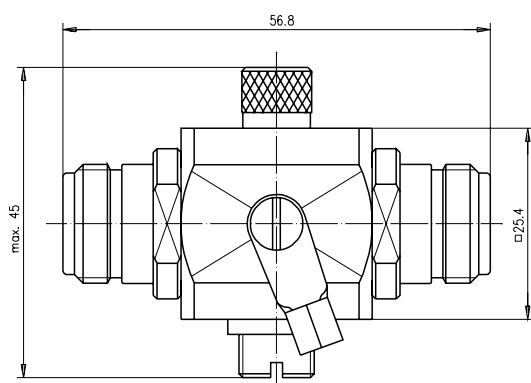
Order no.	Remarks	MIL-Std.
Bestell-Nr.	Anmerkungen	MIL-Std.
J01024J1120	f-m-f IP 67 Bu-Sti-Bu IP 67	UG-107/U



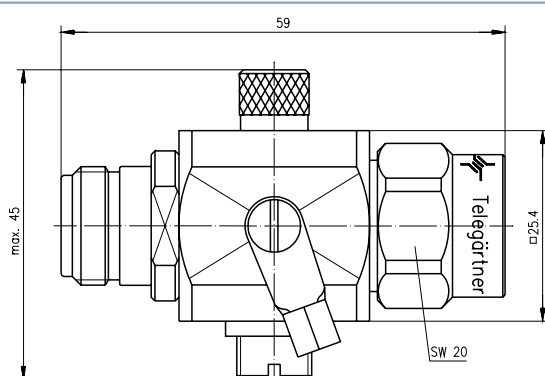
Order no.	Remarks	MIL-Std.
Bestell-Nr.	Anmerkungen	MIL-Std.
J01024J1098	f-f-f IP 67 Bu-Bu-Bu IP 67	UG-28/U

N Surge Suppressor
N-Überspannungsableiter

3.18



Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen
J01028A0004	75 V, 1.5 GHz	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter
J01028A0006	145 V, 1.5 GHz	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter
J01028A0002	230 V, 1.5 GHz	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter
J01028A0010	470 V, 1.5 GHz	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter
J01028A0011	600 V, 1.5 GHz	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter
J01028A0025	800 V, 1.5 GHz	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter
J01028A0026	1000 V, 1.5 GHz	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter
J01028A0027	1400 V, 1.5 GHz	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter

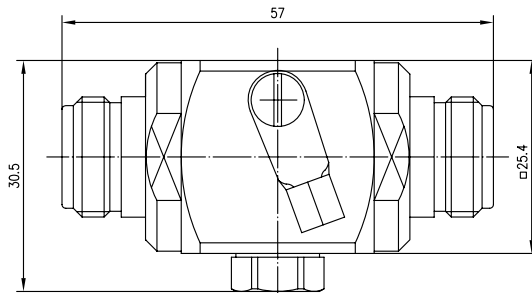


Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen
J01028A0005	75 V, 1.5 GHz	m-f with gas discharge arrester Sti-Bu mit Gasentladungsableiter
J01028A0007	145 V, 1.5 GHz	m-f with gas discharge arrester Sti-Bu mit Gasentladungsableiter
J01028A0003	230 V, 1.5 GHz	m-f with gas discharge arrester Sti-Bu mit Gasentladungsableiter
J01028A0014	600 V, 1.5 GHz	m-f with gas discharge arrester Sti-Bu mit Gasentladungsableiter

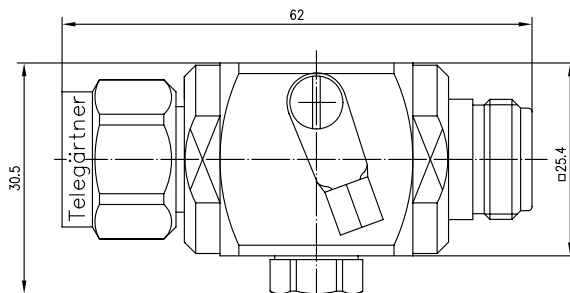
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N Surge Suppressor

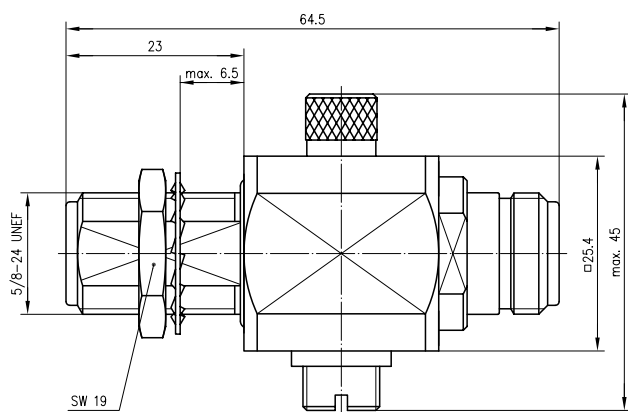
N-Überspannungsableiter



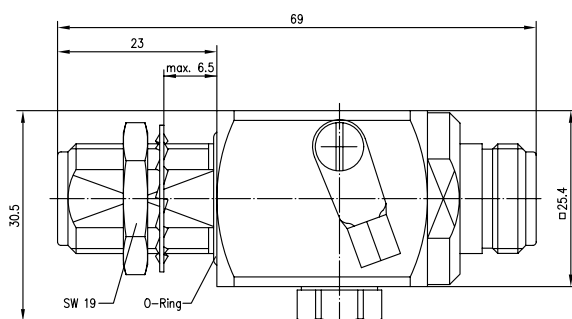
Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen
J01028A0031	75 V; 2.5 GHz; IP 67	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter
J01028A0033	90 V; 2.5 GHz; IP 67	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter
J01028A0035	145 V; 2.5 GHz; IP 67	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter
J01028A0037	230 V; 2.5 GHz; IP 67	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter
J01028A0039	470 V; 2.5 GHz; IP 67	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter
J01028A0043	1000 V; 2.5 GHz; IP 67	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter
J01028A0040	600 V; 2.5 GHz; IP 67	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter
J01028A0042	800 V; 2.5 GHz; IP 67	f-f with gas discharge arrester Bu-Bu mit Gasentladungsableiter



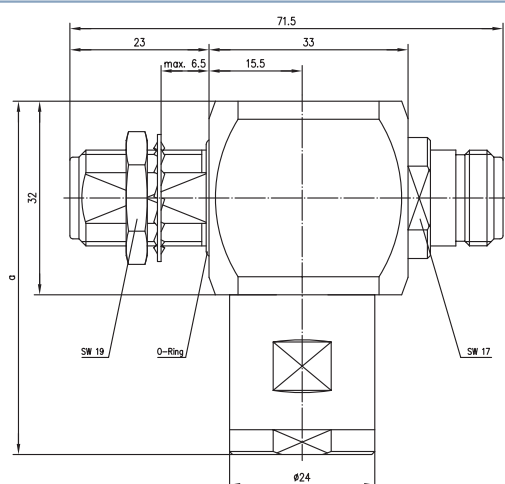
Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen
J01028A0032	75 V; 1.5 GHz	m-f with gas discharge arrester Sti-Bu mit Gasentladungsableiter
J01028A0041	600 V; 1.5 GHz	m-f with gas discharge arrester Sti-Bu mit Gasentladungsableiter
J01028A0034	90 V; 1.5 GHz	m-f with gas discharge arrester Sti-Bu mit Gasentladungsableiter
J01028A0036	145 V; 1.5 GHz	m-f with gas discharge arrester Sti-Bu mit Gasentladungsableiter
J01028A0038	230 V; 1.5 GHz	m-f with gas discharge arrester Sti-Bu mit Gasentladungsableiter



Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01028A0024	230 V; 1.5 GHz	f-f with gas discharge arrester, bulkhead type Bu-Bu mit Gasentladungsableiter, Einbautyp	Z10

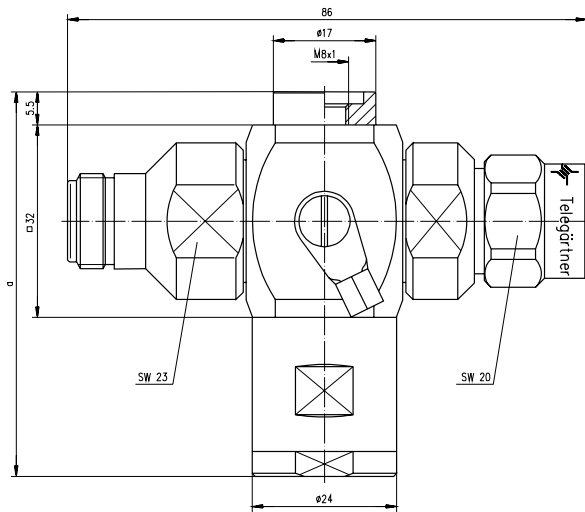


Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01028A0044	90 V; 2.5 GHz; IP 67	f-f with gas discharge arrester, bulkhead type Bu-Bu mit Gasentladungsableiter, Einbautyp	Z10
J01028A0045	230 V; 2.5 GHz; IP 67	f-f with gas discharge arrester, bulkhead type Bu-Bu mit Gasentladungsableiter, Einbautyp	Z10

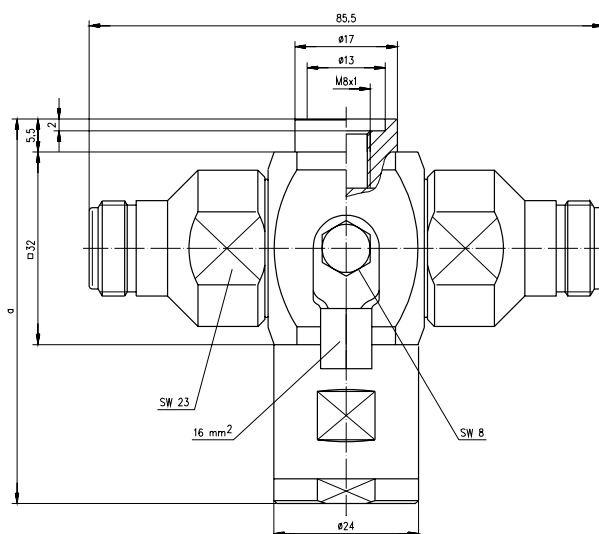


Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß
J01028A0029	380 - 430 MHz; IP 67	f-f with $\lambda/4$ stub, bulkhead type Bu-Bu mit $\lambda/4$ Kurzschluss, Einbautyp	a=172	Z10
J01028A0028	1700 - 2300 MHz; IP 67	f-f with $\lambda/4$ stub, bulkhead type Bu-Bu mit $\lambda/4$ Kurzschluss, Einbautyp	a=58	Z10

N Surge Suppressor N-Überspannungsableiter



Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen	Dimensions Abmessungen
J01028A0016	800 - 900 MHz; IP 67	m-f with $\lambda/4$ stub Sti-Bu mit $\lambda/4$ Kurzschluss	a=97
J01028A0008	870 - 970 MHz; IP 67	m-f with $\lambda/4$ stub Sti-Bu mit $\lambda/4$ Kurzschluss	a=97
J01028A0009	1700 - 1900 MHz; IP 67	m-f with $\lambda/4$ stub Sti-Bu mit $\lambda/4$ Kurzschluss	a=64
J01028A0021	1700 - 2300 MHz; IP 67	m-f with $\lambda/4$ stub Sti-Bu mit $\lambda/4$ Kurzschluss	a=64
J01028A0018	1850 - 2000 MHz; IP 67	m-f with $\lambda/4$ stub Sti-Bu mit $\lambda/4$ Kurzschluss	a=64
J01028A0022	2250 - 2500 MHz; IP 67	m-f with $\lambda/4$ stub Sti-Bu mit $\lambda/4$ Kurzschluss	a=59

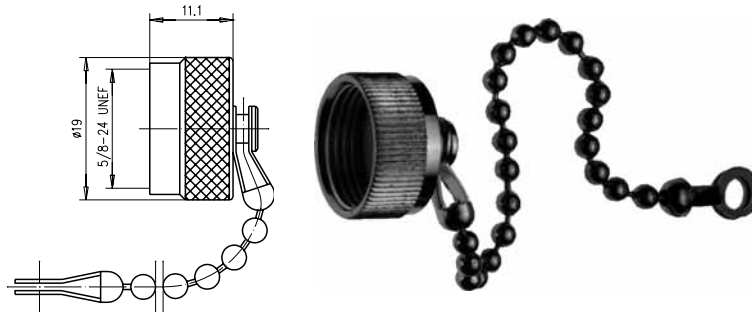


Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen	Dimensions Abmessungen
J01028A0015	800 - 900 MHz	f-f with $\lambda/4$ stub Bu-Bu mit $\lambda/4$ Kurzschluss	a=64
J01028A0020	1700 - 2300 MHz	f-f with $\lambda/4$ stub Bu-Bu mit $\lambda/4$ Kurzschluss	a=64

Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen	Dimensions Abmessungen
J01028A0017	1850 - 2000 MHz	f-f with $\lambda/4$ stub Bu-Bu mit $\lambda/4$ Kurzschluss	a=64
J01028A0019	2250 - 2500 MHz	f-f with $\lambda/4$ stub Bu-Bu mit $\lambda/4$ Kurzschluss	a=59

N Dust Cap N-Abdeckkappe

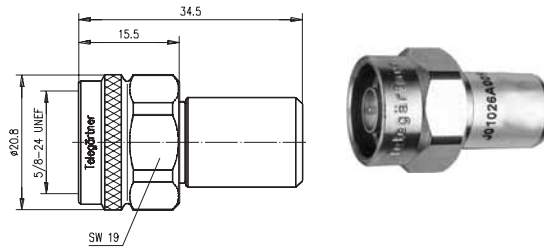
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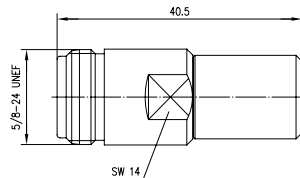
Order no. Bestell-Nr.	Remarks Anmerkungen	MIL-Std. MIL-Std.
H00010A1122	with chain mit Kette	MX-913/U

N Termination Plug N-Abschlusswiderstand

3.20



Order no. Bestell-Nr.	Remarks Anmerkungen
J01026A0012	m; 1 W; > 35 dB/2 GHz; > 25 dB/6 GHz Sti; 1 W; > 35 dB/2 GHz; > 25 dB/6 GHz

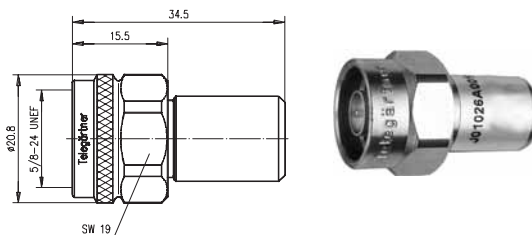


Order no. Bestell-Nr.	Remarks Anmerkungen
J01026A0013	f; 1 W; > 35 dB/2 GHz; > 25 dB/6 GHz Bu; 1 W; > 35 dB/2 GHz; > 25 dB/6 GHz

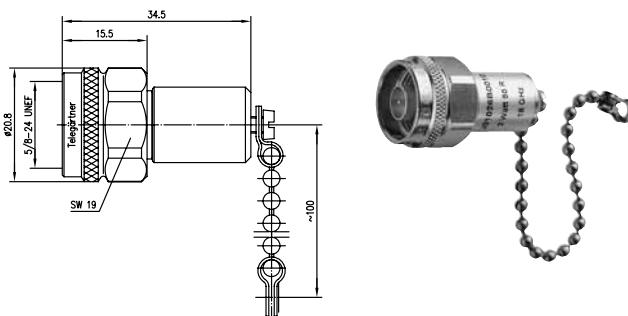
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N Termination Plug

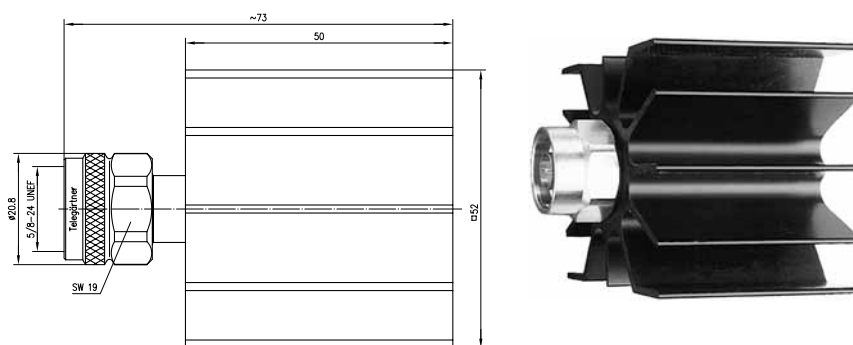
N-Abschlusswiderstand



Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01026A0010	m; 2 W; > 26 dB/4 GHz; > 13 dB/18 GHz Sti; 2 W; > 26 dB/4 GHz; > 13 dB/18 GHz



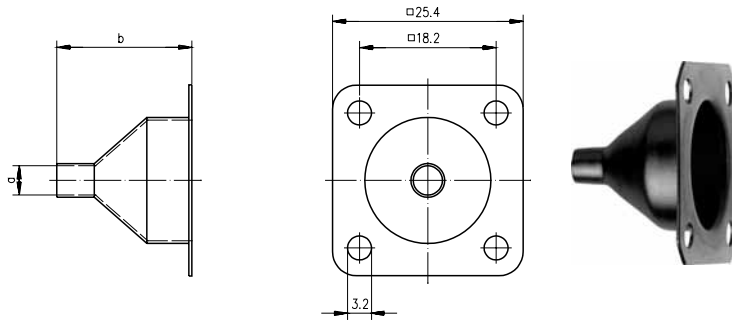
Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01026B0010	m; 2 W; > 26 dB/4 GHz; > 13 dB/18 GHz Sti; 2 W; > 26 dB/4 GHz; > 13 dB/18 GHz



Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01026A0011	m; 10 W; > 24 dB/6 GHz; > 13 dB/18 GHz Sti; 10 W; > 24 dB/6 GHz; > 13 dB/18 GHz

N Hood
N-Abschirmkappe

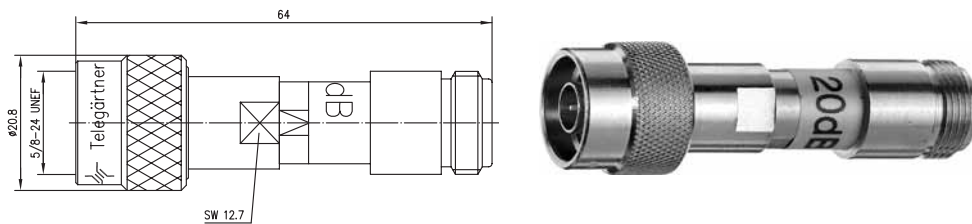
3.21



Order no. Bestell-Nr.	Dimensions Abmessungen	MIL-Std. MIL-Std.
C05000A0654	a=ø3.9, b=18	UG-177/U
C05000A0655	a=ø8.7, b=18	UG-106/U

N Attenuators
N-Dämpfungsglieder

3.22



Order no. Bestell-Nr.	Remarks Anmerkungen
J01026A0006	m-f; 3 dB; 1 Watt; ≤ 1 GHz; VSWR $\leq 1,2/1$ GHz; Inner conductor gold plated Sti-Bu; 3 dB; 1 Watt; ≤ 1 GHz; VSWR $\leq 1,2/1$ GHz; Innenleiter vergoldet
J01026A0007	m-f; 10 dB; 1 Watt; ≤ 1 GHz; VSWR $\leq 1,2/1$ GHz; Inner conductor gold plated Sti-Bu; 10 dB; 1 Watt; ≤ 1 GHz; VSWR $\leq 1,2/1$ GHz; Innenleiter vergoldet
J01026A0008	m-f; 14 dB; 1 Watt; ≤ 1 GHz; VSWR $\leq 1,2/1$ GHz; Inner conductor gold plated Sti-Bu; 14 dB; 1 Watt; ≤ 1 GHz; VSWR $\leq 1,2/1$ GHz; Innenleiter vergoldet
J01026A0009	m-f; 20 dB; 1 Watt; ≤ 1 GHz; VSWR $\leq 1,2/1$ GHz; Inner conductor gold plated Sti-Bu; 20 dB; 1 Watt; ≤ 1 GHz; VSWR $\leq 1,2/1$ GHz; Innenleiter vergoldet

4

UHF
UHF



UHF UHF

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The UHF series is a low cost, low frequency connector with a screw coupling. The maximum usable frequency is limited to 200 MHz, as the impedance of the connector is not controlled. Flexible cables up to 11 mm (0.433") in diameter can be used. Soldering and crimping techniques are used for terminating these connectors. Applications for the UHF connectors are for low-frequency communication equipment.

Die Serie UHF umfasst kostengünstige koaxiale Steckverbindungen mit Schraubverschluss. Sie können lediglich bis zu einer Frequenz von 200 MHz eingesetzt werden, da der Wellenwiderstand nicht definiert ist. Flexible Kabel bis zu einem Durchmesser von 11 mm können angeschlossen werden. Kabel werden je nach Ausführung durch Crimpen, Klemmen oder Löten montiert. Die Steckverbinder der Serie UHF werden in der Signalübertragungen bei niedrigen Frequenzen eingesetzt.

Mechanical Characteristics

Material: Contacts	CuZn39Pb3	Werkstoff: Kontaktteile
Material: Other metal parts	CuZn39Pb3	Werkstoff: Sonstige Metallteile
Material: Insulators	PTFE; POM	Werkstoff: Isolierteile
Finish: Inner conductor	Cu2Ag5	Oberfläche: Innenleiter
Finish: Outer conductor	CuNi5	Oberfläche: Außenleiter
Finish: Other metal parts	CuNi5	Oberfläche: Sonstige Metallteile

Mechanische Eigenschaften

Climatic Characteristics

Climatic category acc. to IEC 68 - 1	40/070/21	Prüfklasse nach DIN IEC 68 Teil 1
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Thermische und klimatische Eigenschaften

Electrical Characteristics

Contact resistance inner conductor	$\leq 5 \text{ m}\Omega$	Durchgangswiderstand Innenleiter
Contact resistance outer conductor	$\leq 5 \text{ m}\Omega$	Durchgangswiderstand Außenleiter
Insulation resistance	$\geq 5 \text{ G}\Omega$	Isolationswiderstand
Voltage proof	$2 \text{ kV}_{\text{eff}}/50 \text{ Hz}$	Spannungsfestigkeit
Impedance	circa 50Ω	Wellenwiderstand
Working voltage	$\leq 750 \text{ V}_{\text{eff}}/50 \text{ Hz}$	Betriebsspannung
Frequency range up to	200 MHz	Frequenzbereich bis

Elektrische Eigenschaften

Standards

IEC 60 169-12

Normen

IEC 60 169-12

Note

Combination connectors and cable clamps can be utilised to create a further number of UHF connector variations.

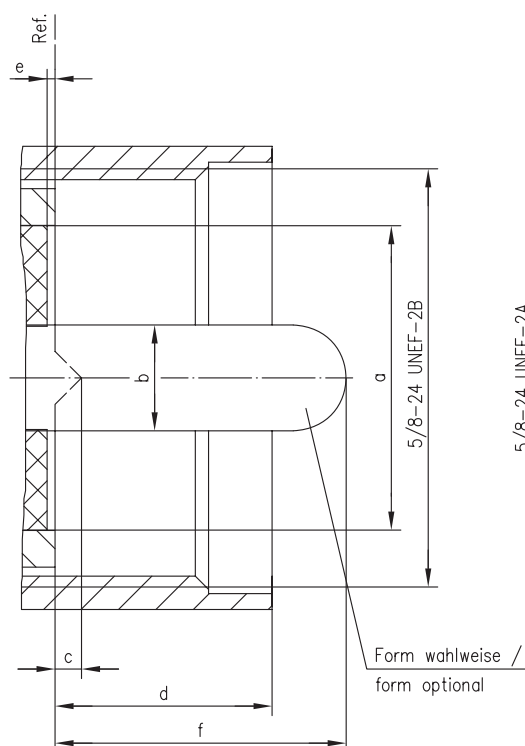
Hinweis

Weitere UHF-Steckverbindervarianten können durch die Kombination von Normköpfen und Kabelabfaltungen zusammengestellt werden.

UHF Mating Face

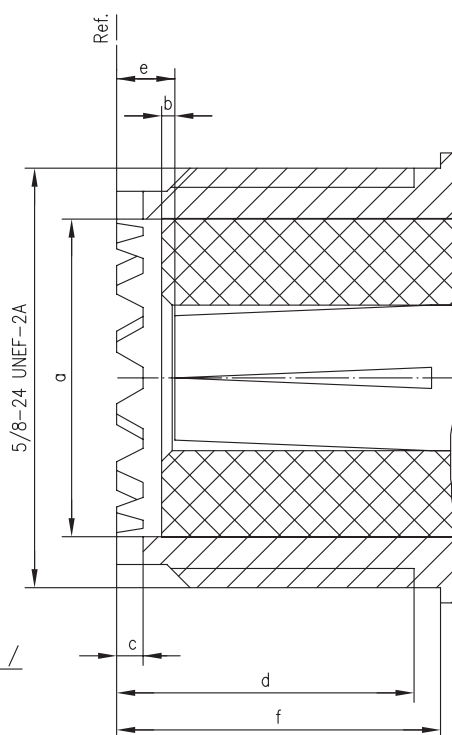
UHF-Steckgesicht

Plug
Stecker



	[mm]		[inch]	
	min.	max.	min.	max.
a	11.56	12.22	0.455	0.481
b	3.912	4.013	0.154	0.158
c	-	0.89	-	0.035
d	-	9.91	-	0.390
e	0.0	-	0.0	-
f	-	11.10	-	0.437

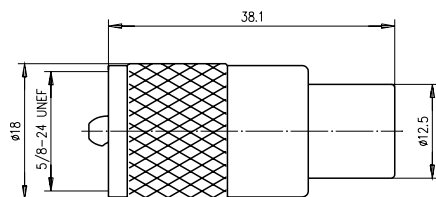
Jack
Buchse



	[mm]		[inch]	
	min.	max.	min.	max.
a	11.56	12.22	0.455	0.481
b	0.03	-	0.001	-
c	0.89	-	0.035	-
d	7.87	-	0.310	-
e	1.02	-	0.040	-
f	11.10	-	0.437	-

UHF Straight Plug
UHF-Kabelstecker

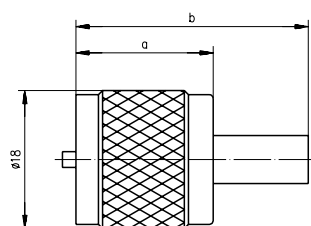
4.1



Order-Nr. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	MIL-Std. MIL-Std.
J01040A0604	G1 (RG-58C/U); G2 (RG-59B/U)	insulator: POM Isolierung: POM	B07	PL 259/6
J01040B0604	G1 (RG-58C/U); G2 (RG-59B/U)	insulator: PTFE Isolierung: PTFE	B07	PL 259/6
J01040A0602	RG-213/U	insulator: POM Isolierung: POM	B07	PL 259/9
J01040B0602	RG-213/U	insulator: PTFE Isolierung: PTFE	B07	PL 259/9

UHF Straight Plug Crimp
UHF-Kabelstecker Crimp

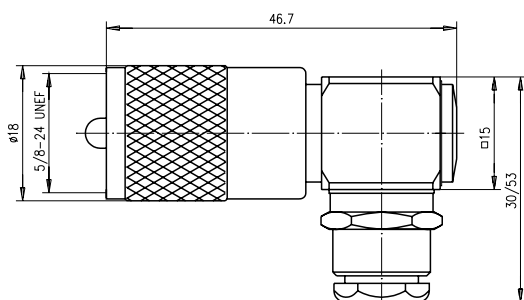
4.2



Order-Nr. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01040A0001	G1 (RG-58C/U)	crimp/crimp	a=18.3, b=31	B0605	N01001A0005
J01040A0009	G5 (RG-223/U)	crimp/crimp	a=18.5, b=31.5	B0605	N01001A0005
J01040A0006	RG-213/U	crimp/crimp	a=18.3, b=32.5	B0612	N01001D1274
J01040A0010	RG-214/U	crimp/crimp	a=18.5, b=33.5	B0612	N01001D1274
J01040A0000	G2 (RG-59B/U)	crimp/crimp	a=18.3, b=31	B0606	N01001A0007

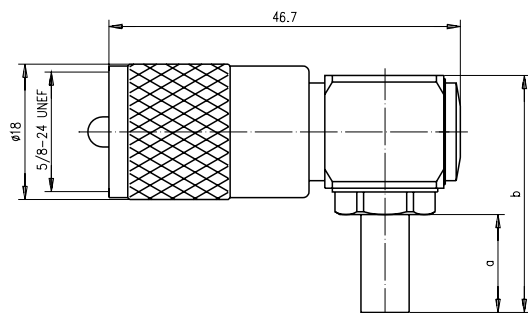
UHF Angle Plug
UHF-Kabelwinkelstecker

4.3



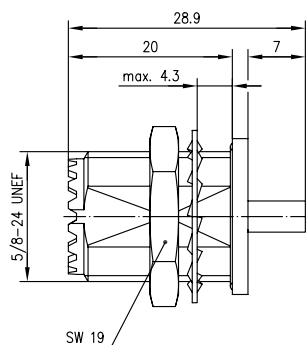
Order-Nr. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Assembly Montage
J01040A1201	G1 (RG-58C/U); G5 (RG-223/U); RG141 A/U; RG-142 B/U; 1.0/2.95 AF	D01
J01040A0004	G 05232	D03
J01040A1202	G42 (2.7/7.1); RG-213/U; AA 5886	D04
J01040A0002	RG-214/U; RG-393/U	D04

4.4

UHF Angle Plug Crimp
UHF-Kabelwinkelstecker Crimp

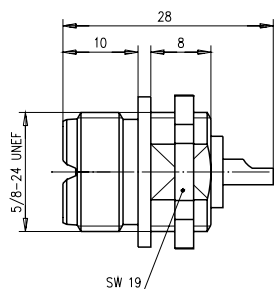
Order-Nr. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01040A0691	G1 (RG-58C/U); RG-141A/U	solder/crimp löt/crimp	a=13, b=31.5	D0105	N01001A0005

4.5

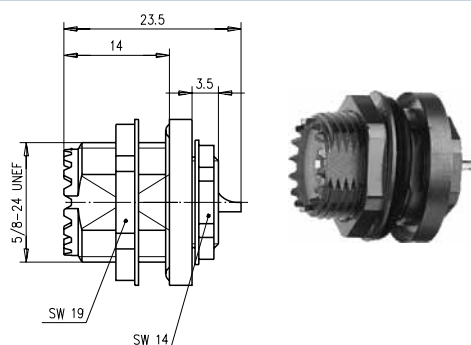
UHF Bulkhead Jack Crimp
UHF-Kabeleinbaubuchse Crimp

Order-Nr. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01041A0004	G7 (RG-316/U)	crimp/crimp	Z21	B2516	N01001A0009

4.6

UHF Bulkhead Socket
UHF-Einbaubuchse

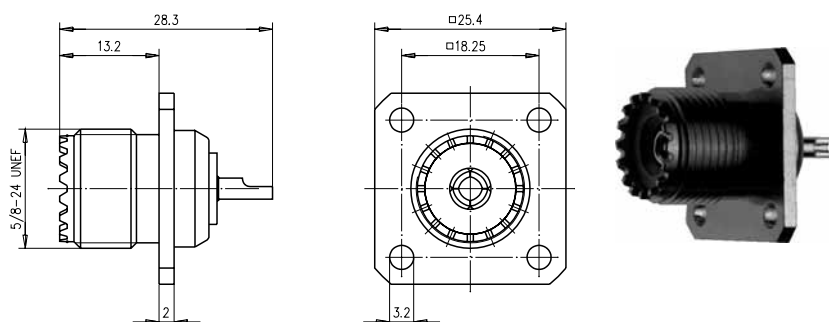
Order-Nr. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß	MIL-Std. MIL-Std.
J01041A0001	front mounting Einbau von vorne	Z21	UG-266/U



Order-Nr. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01041A0005	rear mounting Einbau von hinten	Z21

UHF Panel Socket UHF-Einbaubuchse mit Flansch

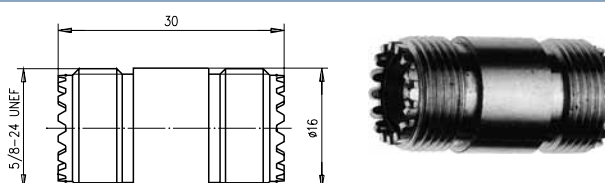
4.7



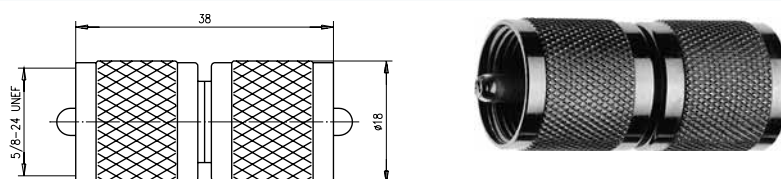
Order-Nr. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß	MIL-Std. MIL-Std.
J01041B0632	brass body Körper aus Messing	Z08	SO-239

UHF Adaptor UHF-Kupplung

4.8

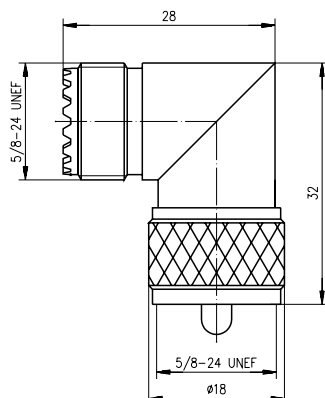


Order-Nr. Bestell-Nr.	Remarks Anmerkungen	MIL-Std. MIL-Std.
J01042A0637	PL 258 f-f PL 258 Bu-Bu	UG-299/U



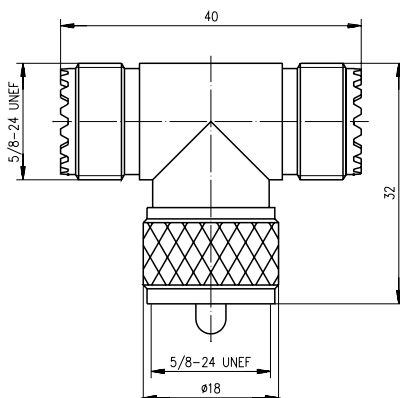
Order-Nr. Bestell-Nr.	Remarks Anmerkungen
J01042A0653	m-m Sti-Sti

4.9

UHF Angle Adaptor
UHF-Winkelverbindungsstück

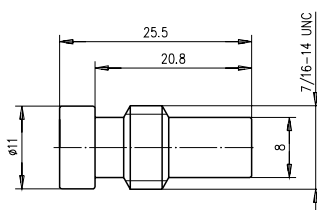
Order-Nr. Bestell-Nr.	Remarks Anmerkungen	MIL-Std. MIL-Std.
J01042F0652	M 359/A inner conductor gold f-m M 359/A Innenleiter Gold Bu-Sti	UG-646/U

4.10

UHF T Adaptor
UHF-T-Stück

Order-Nr. Bestell-Nr.	Remarks Anmerkungen
J01042F0649	M 358 f-m-f, inner conductor gold f-m-f M 358 Bu-Sti-Bu, Innenleiter Gold Bu-Sti-Bu

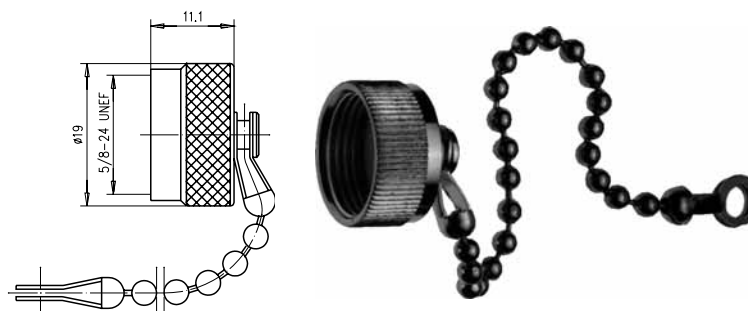
4.11

UHF Reducing Adaptor
UHF-Reduzierschraube

Order-Nr. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	MIL-Std. MIL-Std.
A16000C0605	G1 (RG-58C/U)	Ag	B11	UG-175/U
A16000D0605	G2 (RG-59B/U)	Ag	B11	UG-176/U

UHF Dust Cap UHF-Abdeckkappe

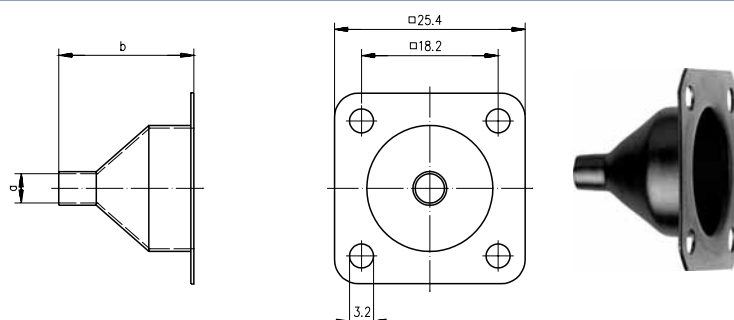
4.12



Order-Nr. Bestell-Nr.	Remarks Anmerkungen	MIL-Std. MIL-Std.
H00010A1122	with chain mit Kette	MX-913/U

UHF Hood UHF-Abschirmkappe

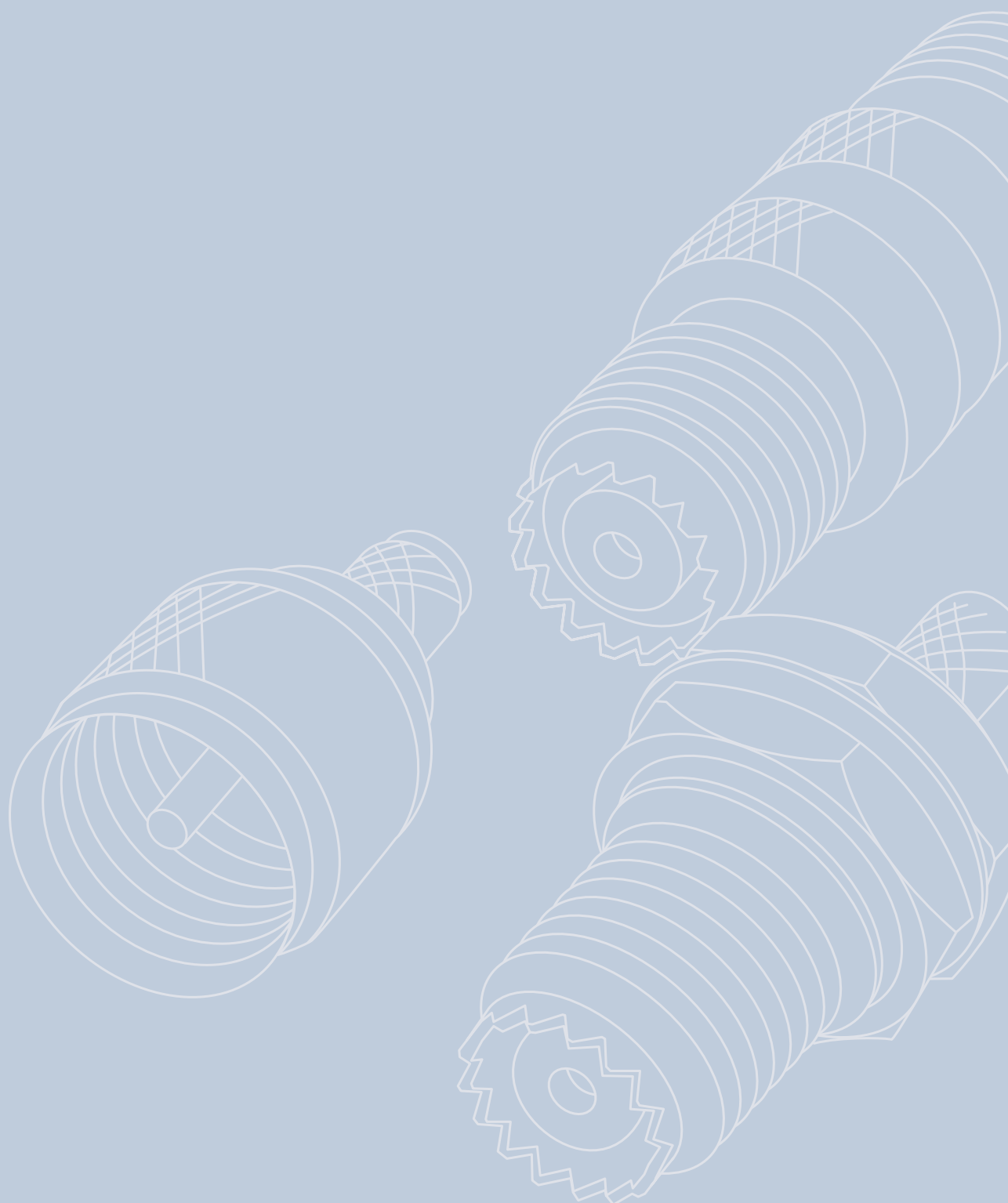
4.13



Order-Nr. Bestell-Nr.	Dimensions Abmessungen	MIL-Std. MIL-Std.
C05000A0654	a=Ø3.9, b=18	UG-177/U
C05000A0655	a=Ø8.7, b=18	UG-106/U

5

Mini-UHF **Mini-UHF**





Mini-UHF

Mini-UHF

Contents

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5.2	Mini-UHF Angle Plug Crimp	135
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The Mini-UHF series is a miniaturized version of the UHF connector, but has improved electrical performance. The Mini-UHF can be used up to a frequency of 2.5 GHz. Unlike the UHF, the Mini-UHF series is impedance controlled at 50 ohm. Connector styles are available for flexible cables. Solder and crimp techniques are used to terminate this series. Applications for the Mini-UHF series are in the area of mobile communications, especially in vehicles.

Die Serie Mini-UHF ist eine verkleinerte Bauform der UHF-Steckverbinder mit verbesserten elektrischen Eigenschaften. Sie verfügen über einen Schraubverschluss und können bis zu einer Frequenz von 2,5 GHz eingesetzt werden. Im Gegensatz zur Serie UHF haben die Steckverbinder der Serie Mini-UHF einen definierten Wellenwiderstand von 50 Ohm. Kabel werden je nach Ausführung durch Crimpen oder Löten angeschlossen. Die Steckverbinder der Serie Mini-UHF werden häufig im Mobilfunk und hier insbesondere in Fahrzeugen eingesetzt.

Mechanical Characteristics

Material: Spring contacts	CuSn6; CuZn39Pb3	Werkstoff: Federnde Kontaktteile
Material: Outer conductor	CuZn39Pb3	Werkstoff: Außenleiter
Material: Other metal parts	CuZn39Pb3	Werkstoff: Sonstige Metallteile
Material: Insulators	POM; PP	Werkstoff: Isolierteile
Finish: Inner conductor	Cu1Ni2Au0.8 resp. Cu2Ag5	Oberfläche: Innenleiter
Finish: Outer conductor	Cu2Ni5	Oberfläche: Außenleiter
Finish: Other metal parts	Cu2Ni5	Oberfläche: Sonstige Metallteile

Mechanische Eigenschaften

Climatic Characteristics

Climatic category acc. to IEC 68 - 1	40/085/21	Prüfklasse nach DIN IEC 68 Teil 1
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Thermische und klimatische Eigenschaften

Electrical Characteristics

Contact resistance inner conductor	$\leq 5 \text{ m}\Omega$	Durchgangswiderstand Innenleiter
Contact resistance outer conductor	$\leq 2.5 \text{ m}\Omega$	Durchgangswiderstand Außenleiter
Insulation resistance	$\geq 5 \text{ G}\Omega$	Isolationswiderstand
Voltage proof	$1 \text{ kV}_{\text{eff}}/50 \text{ Hz}$	Spannungsfestigkeit
Impedance	50Ω	Wellenwiderstand
Return loss	$\geq 20 \text{ dB}/2.5 \text{ GHz}$	Rückflussdämpfung
Working voltage	$\leq 335 \text{ V}_{\text{eff}}/50 \text{ Hz}$	Betriebsspannung
Frequency range up to	2.5 GHz	Frequenzbereich bis

Elektrische Eigenschaften

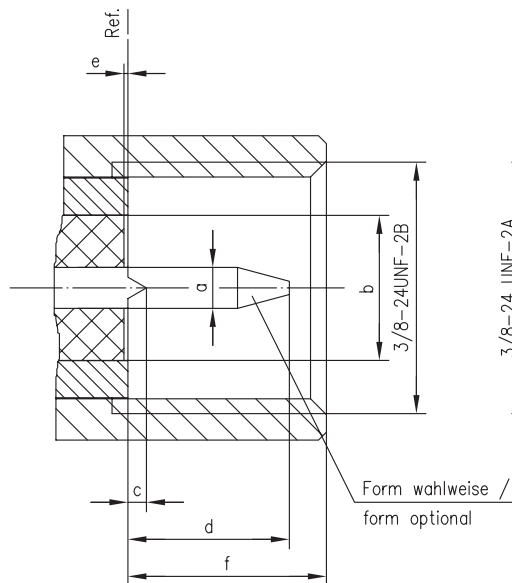
Mini-UHF

Mini-UHF

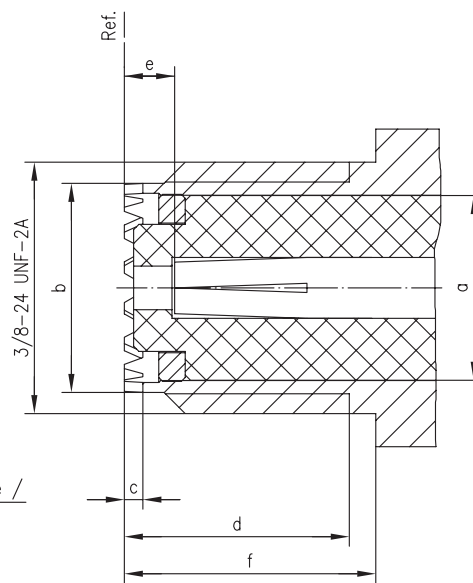
Mini-UHF Mating Face

Mini-UHF-Steckgesicht

Plug
Stecker



Jack
Buchse

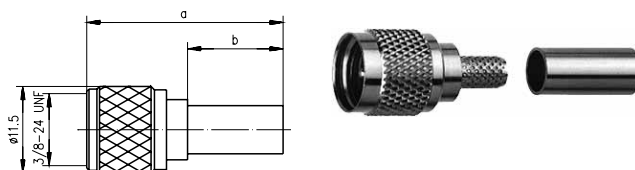


	[mm]		[inch]	
	min.	max.	min.	max.
a	1.50	1.65	0.059	0.065
b	5.5	-	0.217	-
c	0.63	0.77	0.025	0.030
d	6.00	7.30	0.236	0.287
e	0.0	0.70	0.0	0.028
f	6.50	8.00	0.256	0.315

	[mm]		[inch]	
	min.	max.	min.	max.
a	-	7.0	-	0.276
b	7.90	8.10	0.311	0.319
c	0.63	0.77	0.025	0.030
d	6.50	-	0.256	-
e	0.80	2.0	0.031	0.079
f	8.50	-	0.355	-

Mini-UHF Straight Plug Crimp Mini-UHF Kabelstecker Crimp

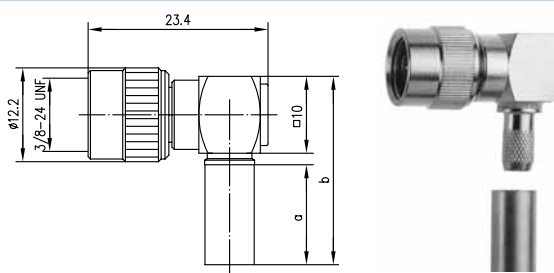
5.1



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01045F0003	G7 (RG-316/U)	crimp/crimp	a=23.8, b = 8.7	B1324	N01001A0023
J01045F0000	G1 (RG-58C/U)	crimp/crimp	a=26, b=12.7	B1305	N01001A0005
J01045F0004	G5 (RG-223/U); RG-142B/U; 1.0/2.95 AF	crimp/crimp	a=26.8, b=13.5	B1305	N01001A0005

Mini-UHF Angle Plug Crimp Mini-UHF Kabelwinkelstecker Crimp

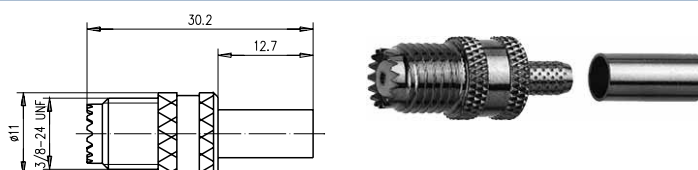
5.2



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01045A0005	G7 (RG-316/U)	solder/crimp löt/crimp	B1703	N01001A0009
J01045A0002	G1 (RG-58C/U)	solder/crimp löt/crimp	B1705	N01001A0005

Mini-UHF Straight Jack Crimp Mini-UHF Kabelbuchse Crimp

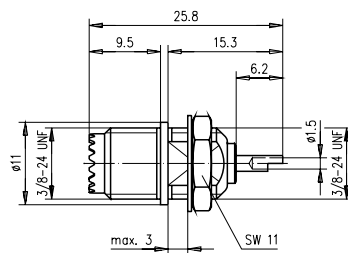
5.3



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01046F0002	G7 (RG-316/U)	crimp/crimp	B1328	N01001A0028
J01046F0001	G1 (RG-58C/U)	crimp/crimp; captivated contact crimp/crimp; festgehaltener Innenleiter	B1305	N01001A0005

Mini-UHF Bulkhead Socket

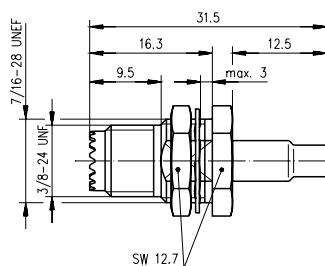
Mini-UHF Einbaubuchse



Order no.	Remarks	Assembly
Bestell-Nr.	Anmerkungen	Montage
J01046F0000	inner conductor brass gold plated Innenleiter Messing vergoldet	Z01

Mini-UHF Bulkhead Jack Crimp

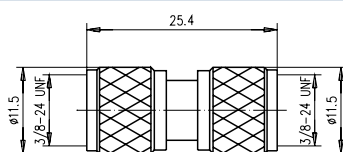
Mini-UHF Einbaubuchse Crimp



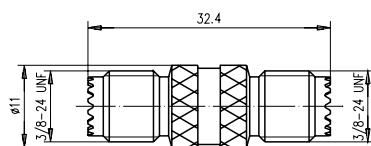
Order no.	Cable group; cable	Remarks	Mount. dim.	Assembly	Crimp die
Bestell-Nr.	Kabelgruppe; Kabel	Anmerkungen	Einbaumaß	Montage	Crimpeinsatz
J01046F0003	G7 (RG-316/U)	crimp/crimp	Z50	B2828	N01001A0028

Mini-UHF Adaptor

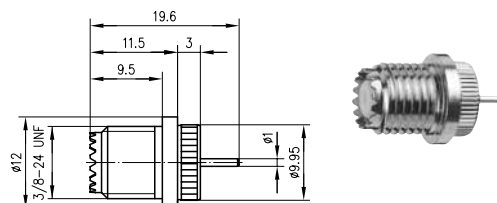
Mini-UHF Kupplung



Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01047F0000	m-m Sti-Sti



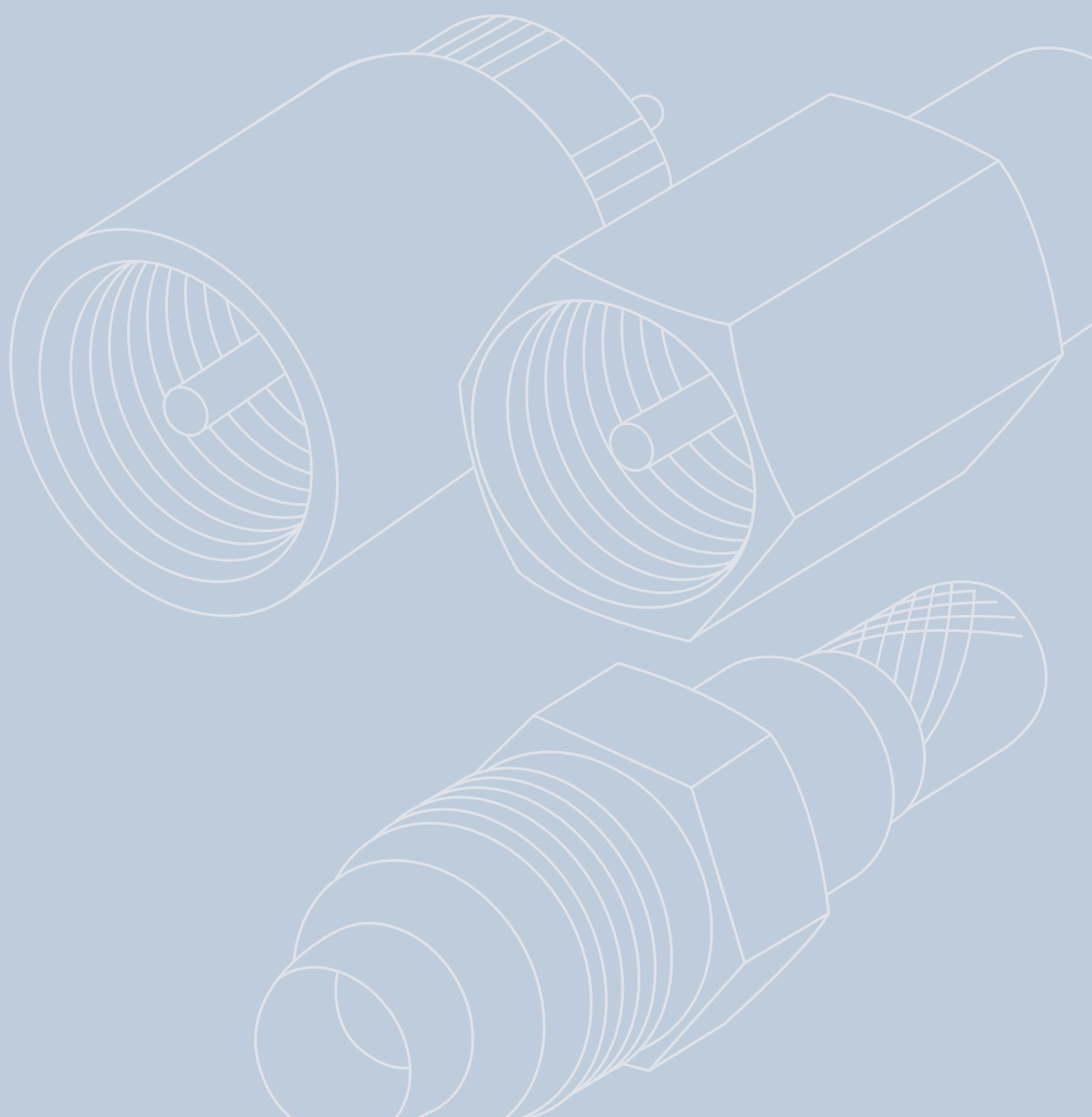
Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01047F0001	f-f Bu-Bu



Order no.	Mount. dim.
Bestell-Nr.	Einbaumaß
J01046A0002	Z102

6

FME
FME





FME FME

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The FME series is a miniature coax connector with screw coupling. The FME series can be used up to a frequency of 2.0 GHz. The impedance is controlled at 50 ohm. Connector styles are available for flexible cables. Solder and crimp techniques are used to terminate this series. Applications for the FME series are in the area of mobile communications, especially in vehicles due to their compact size and durability.

Die Serie FME umfasst koaxiale Steckverbinder mit Schraubverschluss, die bis zu einer Frequenz von 2,0 GHz eingesetzt werden. Der Wellenwiderstand beträgt 50 Ohm. Kabel werden je nach Ausführung durch Crimpen oder Löten angeschlossen. Die Steckverbinder der Serie FME werden, auch wegen ihrer kompakten Bauform, häufig im Mobilfunk und hier insbesondere in Fahrzeugen eingesetzt.

Mechanical Characteristics

Durability (mating cycles)	≥ 500	Lebensdauer (Steckungen)
Withdrawal force	$\geq 0.5 \text{ N}$	Ziehkraft
Max. coupling torque.	200 Ncm	Max. Kupplungsdrehmoment
Material: Spring contacts	CuPb1.15Ni1 (C97)	Werkstoff: Federnde Kontaktteile
Material: Crimp ferrule	Cu	Werkstoff: Crimprohr
Material: Other metal parts	CuZn39Pb3	Werkstoff: Sonstige Metallteile
Material: Insulators.	PP	Werkstoff: Isolierteile
Finish: Inner conductor	Cu2Ag5	Oberfläche: Innenleiter
Finish: Other metal parts	Cu2Ni5	Oberfläche: Sonstige Metallteile
Other finishes (upon request)	Cr; Ag; Ni; Cu	Weitere Oberflächen (auf Anfrage)

Mechanische Eigenschaften

Climatic Characteristics

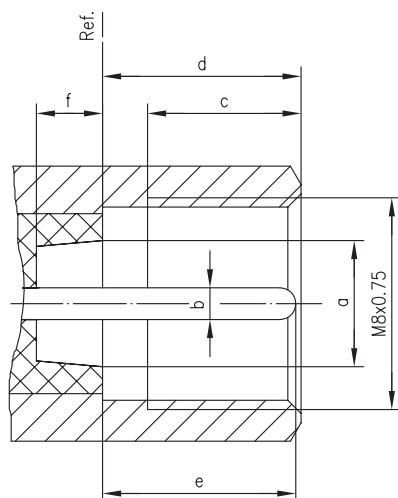
Climatic category acc. to IEC 68 - 1	55/085/21	Prüfklasse nach DIN IEC 68 Teil 1
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Thermische und klimatische Eigenschaften

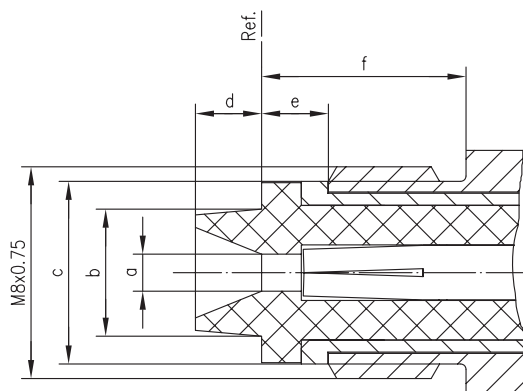
Electrical Characteristics

Contact resistance inner conductor	$\leq 10 \text{ m}\Omega$	Durchgangswiderstand Innenleiter
Contact resistance outer conductor.	$\leq 5 \text{ m}\Omega$	Durchgangswiderstand Außenleiter
Insulation resistance	$\geq 5 \text{ G}\Omega$	Isolationswiderstand
Voltage proof	1 kV _{eff} /50 Hz	Spannungsfestigkeit
Impedance	50 Ω	Wellenwiderstand
Working voltage.	$\leq 100 \text{ V}_{\text{eff}}$ /50 Hz	Betriebsspannung
Insertion Loss	$\leq 0.2 \text{ dB}$ /1.8 GHz	Einfügedämpfung
Return loss.	$\geq 20 \text{ dB}$ /1.8 GHz	Rückflusdämpfung
Frequency range up to	2 GHz	Frequenzbereich bis

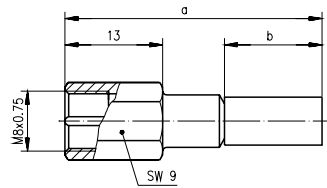
Elektrische Eigenschaften

FME Mating Face
FME-SteckgesichtPlug
Stecker

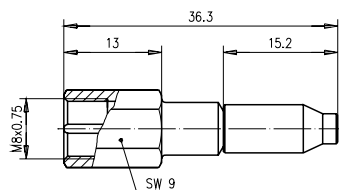
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	min.	max.	min.	max.
a	4.66	4.76	0.184	0.187
b	1.135	1.215	0.047	0.048
c	5.8	-	0.228	-
d	7.4	7.7	0.295	0.299
e	6.0	7.5	0.236	0.295
f	2.50	-	0.098	-

Jack
Buchse

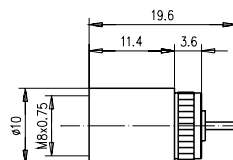
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	min.	max.	min.	max.
a	1.35	1.5	0.053	0.059
b	4.80	4.85	0.189	0.191
c	-	7.0	-	0.276
d	2.5	2.6	0.098	0.102
e	2.3	-	0.091	-
f	7.5	-	0.295	-

**FME Straight Plug Crimp
FME-Kabelstecker Crimp**
6.1


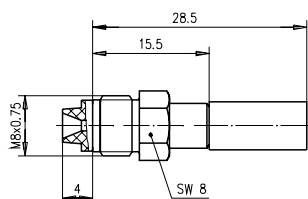
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01700A0010	G7 (RG-316/U)	crimp/crimp; Low cost 15 dB / 2 GHz	a=31.2, b=9.5	B2725	N01001A0027
J01700A0006	G1 (RG-58C/U)	crimp/crimp	a=34.2, b=13	B1205	N01001A0005
J01700A0009	G30 (1.5/3.8); LMR 240	crimp/crimp	a=34.7, b=13.5	B1206	N01001A0007



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01700A0007	G7 (RG-316/U)	crimp/crimp	B2005	N01001A0005

**FME Press-In Bulkhead Receptacle, male
FME-Einpresstecker**
6.2


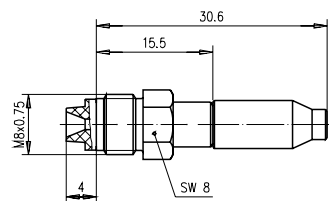
Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
F01700A0000	insulator PTFE Isolierung PTFE	Z38

**FME Straight Jack Crimp
FME-Kabelbuchse Crimp**
6.3


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Assembly Montage	Crimp die Crimpeinsatz
J01701A0003	G30 (1.5/3.8); LMR 240	B0806	N01001A0007
J01701A0004	Low Loss 1.05/2.95	B0801	N01001A0005
J01701A0007	G1 (RG-58C/U)	B0805	N01001A0005

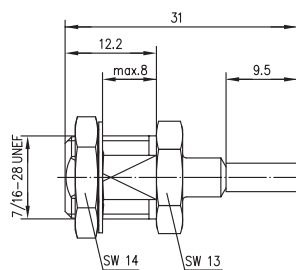
6.3

6.3

FME Straight Jack Crimp
FME-Kabelbuchse Crimp

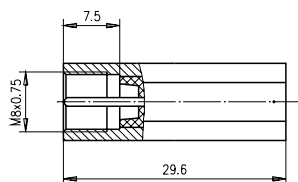
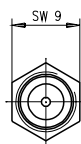
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Assembly Montage	Crimp die Crimpeinsatz
J01701A0008	G7 (RG-316/U)	B2005	N01001A0005

6.4

FME Bulkhead Plug
FME-Einbaustecker

Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01700A0013	G7 (RG-316/U)	solder/crimp löt/crimp	Z03	B2725	N01001A0027

6.5

FME Adaptor
FME-Kupplung

Order no. Bestell-Nr.	Remarks Anmerkungen
J01702A0000	m-m with PTFE Insulator Sti-Sti mit PTFE Isolierung
J01702A0001	m-m with PP insulation Sti-Sti mit PP Isolierung

Cable: Both Ends FME Jack
Kabel: Beidseitig FME-Buchse

6.6



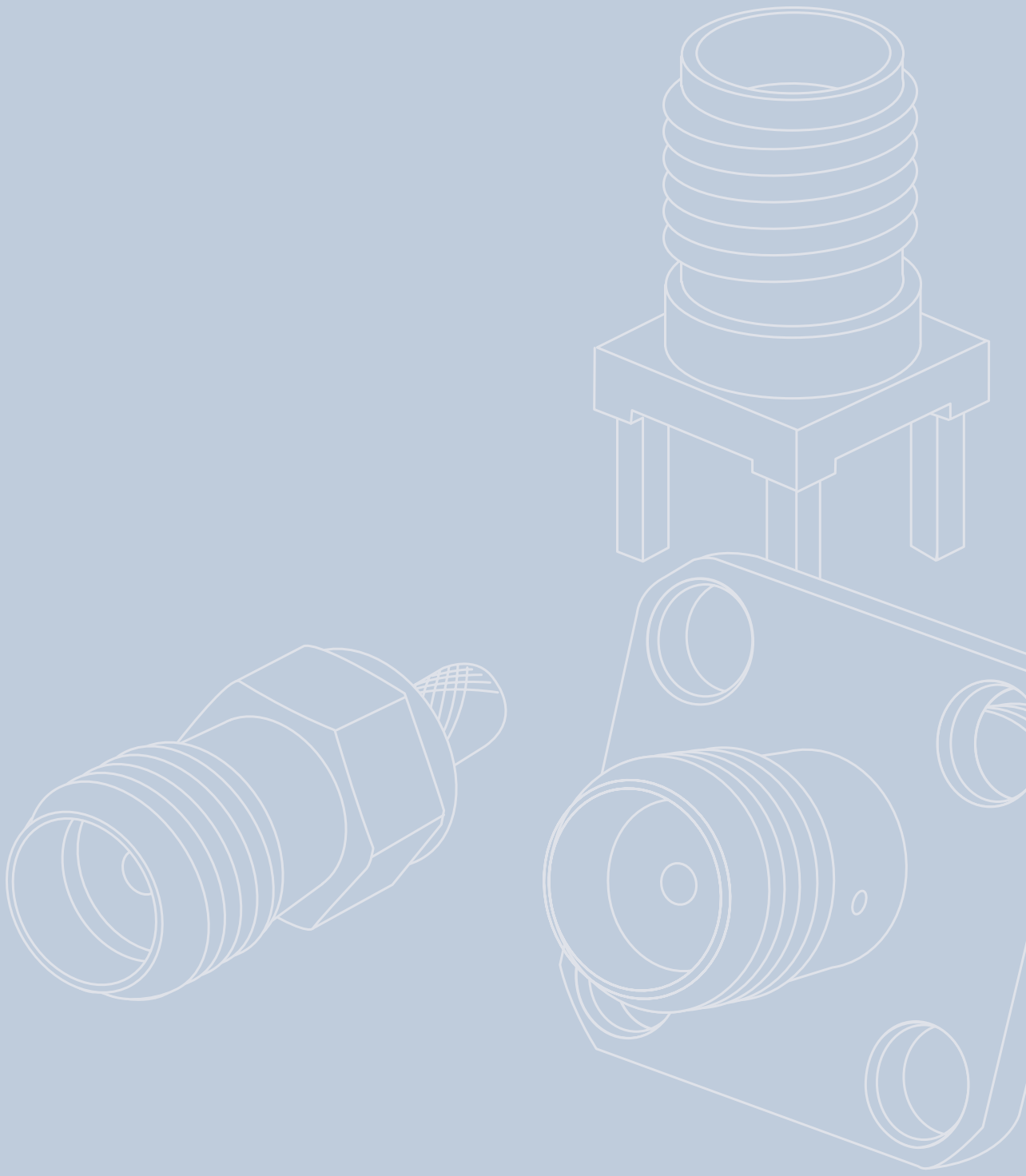
Order no.	Cable group; cable	Length
Bestell-Nr.	Kabelgruppe; Kabel	Länge
L00010A0392	RG-58C/U (50 Ω)	1 m
L00011A0135	RG-58C/U (50 Ω)	2 m
L00012A0018	RG-58C/U (50 Ω)	3 m
L00013A0013	RG-58C/U (50 Ω)	4 m
L00013A0014	RG-58C/U (50 Ω)	5 m

Other cable assemblies on request.

Weitere konfektionierte Kabel auf Anfrage.

7

SMA
SMA



SMA SMA

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The SMA series is a very popular coax connector with threaded coupling and can be used up to frequencies of over 18 GHz (depending on type). The impedance is controlled at 50 ohm. Connector styles are available for flexible, conformable and semi-rigid cable types. Versions of the SMA connector are available for mounting to printed circuit boards using both through-hole soldered and through-hole press-fit techniques, as well as surface mount types (SMD). Solder, crimp and clamp techniques are used to terminate this series to cables. SMA applications include communications, satellite and testing equipment.

Mating face sealing for SMA connectors between plug and jack (mated) according to IP 68. This classification is a general statement for the relevant series. Individual connectors may deviate from the values shown. If in doubt, please consult our engineers.

Die Serie SMA umfasst sehr häufig verwendete koaxiale Steckverbindungen mit Schraubverschluss. Sie können je nach Ausführung bis zu einer Frequenz von 18 GHz eingesetzt werden. Der Wellenwiderstand beträgt 50 Ohm. Steckverbindervarianten gibt es für flexible, Semi-Flex- und Semi-Rigid-Kabel. Die Leiterplattensteckverbinder der Serie SMA sind als Löt- bzw. Einpresstypen erhältlich. Kabel werden je nach Ausführung durch Crimpen, Klemmen oder Löten angeschlossen. SMA-Steckverbinder werden unter anderem im Mobilfunk, in Satelliten und in der Messtechnik eingesetzt.

Diese Steckverbinder erfüllen die Querdichtigkeit im Steckgesicht zwischen Stecker und Buchse im gesteckten Zustand gemäß IP 68. Diese Schutzklasse ist pauschal für die Serie SMA festgelegt worden. Für einzelne Steckverbindungen kann es zu Abweichungen kommen. Im Zweifelsfall bitte anfragen.

Mechanical Characteristics

Durability (mating cycles)	≥ 500	Lebensdauer (Steckungen)
Recommended coupling torque	79 - 113 Ncm	Empfohlenes Kupplungsdrehmoment
Material: Spring contacts	CuBe2	Werkstoff: Federnde Kontaktteile
Material: Solid contact parts standard type	CuZn39Pb3	Werkstoff: Nichtfedernde Kontaktteile Standard-Ausführung
Material: Solid contact parts MIL-type (stainless steel)	1.4305	Werkstoff: Nichtfedernde Kontaktteile MIL-Ausführung (Edelstahl)
Material: Crimp ferrule	Cu	Werkstoff: Crimprohr
Material: Serrated lock washer	CuSn6	Werkstoff: Fächerscheibe
Material: Insulators	PTFE	Werkstoff: Isolierteile
Material: Gaskets	Silicon	Werkstoff: Dichtungen
Finish: Inner conductor	Cu1Ni2Au1.27	Oberfläche: Innenleiter
Finish outer conductor: Gold plated (standard; last digit ...1)	Cu1Ni2Au0.8	Oberfläche Außenleiter: Gold beschichtet (Standard; Endziffer ...1)
Finish outer conductor: MIL gold plated (last digit ...2)	Cu1Ni2Au1.27	Oberfläche Außenleiter: MIL Gold beschichtet (Endziffer ...2)
Finish outer conductor: Stainless steel (last digit ...6)	passivated / passiviert	Oberfläche Außenleiter: Edelstahl (MIL-Ausführung; Endziffer ...6)
Finish outer conductor: Type for printed circuits (last digit ...7)	SnPb8	Oberfläche Außenleiter: Leiterplatten-Ausführung (Endziffer ...7)
Finish outer conductor: Telealloy (white bronze) plated (last digit ...8)	CuSnZn3	Oberfläche Außenleiter: Telealloy beschichtet (Endziffer ...8)
Finish outer conductor: Nickel plated (last digit ...9)	Cu2Ni5	Oberfläche Außenleiter: Nickel beschichtet (Endziffer ...9)
Finish other metal parts: Gold plated (standard; last digit ...1)	Cu2Ni5Au0.2	Oberfläche sonstiger Metallteile: Gold beschichtet (Standard; Endziffer ...1)
Finish other metal parts: MIL gold plated (last digit ...2)	Cu1Ni2Au0.8	Oberfläche sonstiger Metallteile: MIL Gold beschichtet (Endziffer ...2)
Finish other metal parts: Stainless steel (MIL type; last digit ...6)	passivated / passiviert	Oberfläche sonst. Metallteile: Edelstahl (MIL-Ausführung; Endziffer ...6)
Finish other metal parts: Nickel plated (last digit ...9)	Cu2Ni5	Oberfläche sonstiger Metallteile: Nickel beschichtet (Endziffer ...9)

Mechanische Eigenschaften

Climatic Characteristics

Climatic category acc. to IEC 68 - 1	55/155/56	Prüfklasse nach DIN IEC 68 Teil 1
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Thermische und klimatische Eigenschaften

Electrical Characteristics

Impedance	50 Ω	Wellenwiderstand
Voltage proof	1 kV/50 Hz	Spannungsfestigkeit
Working voltage	≤ 335 V/50 Hz	Betriebsspannung
Contact resistance inner conductor	≤ 3 mΩ	Durchgangswiderstand Innenleiter
Contact resistance outer conductor	≤ 2 mΩ	Durchgangswiderstand Außenleiter
Insulation resistance	≥ 5 GΩ	Isolationswiderstand
Frequency range for flexible cable up to	12.4 GHz	Frequenzbereich für flexible Kabel bis
Frequency range for semi-rigid cable up to (Straight style)	18.0 GHz	Frequenzbereich für Festmantelkabel bis (Gerade Ausführung)
Frequency range for semi-rigid cable up to (Angle style)	12.4 GHz	Frequenzbereich für Festmantelkabel bis (Winkel Ausführung)
Return loss flexible cable (straight and angle style) at 1 GHz	≥ 20.0 dB	Rückflussdämpfung Flexbile Kabel (Gerade / Winkel Ausführung) bei 1 GHz
Return loss flexible cable (straight and angle style) at 2 GHz	≥ 19.2 dB	Rückflussdämpfung Flexbile Kabel (Gerade / Winkel Ausführung) bei 2 GHz
Return loss flexible cable (straight and angle style) at 4 GHz	≥ 17.7 dB	Rückflussdämpfung Flexbile Kabel (Gerade / Winkel Ausführung) bei 4 GHz
Return loss flexible cable (straight and angle style) at 6 GHz	≥ 16.5 dB	Rückflussdämpfung Flexbile Kabel (Gerade / Winkel Ausführung) bei 6 GHz
Return loss semi-rigid cable (straight style) at 1 GHz	≥ 28.5 dB	Rückflussdämpfung Festmantelkabel (Gerade Ausführung) bei 1 GHz
Return loss semi-rigid cable (straight style) at 2 GHz	≥ 27.5 dB	Rückflussdämpfung Festmantelkabel (Gerade Ausführung) bei 2 GHz
Return loss semi-rigid cable (straight style) at 4 GHz	≥ 26.0 dB	Rückflussdämpfung Festmantelkabel (Gerade Ausführung) bei 4 GHz
Return loss semi-rigid cable (straight style) at 6 GHz	≥ 24.9 dB	Rückflussdämpfung Festmantelkabel (Gerade Ausführung) bei 6 GHz
Return loss semi-rigid cable (angle style) at 1 GHz	≥ 25.7 dB	Rückflussdämpfung Festmantelkabel (Winkel Ausführung) bei 1 GHz
Return loss semi-rigid cable (angle style) at 2 GHz	≥ 25.2 dB	Rückflussdämpfung Festmantelkabel (Winkel Ausführung) bei 2 GHz
Return loss semi-rigid cable (angle style) at 4 GHz	≥ 24.2 dB	Rückflussdämpfung Festmantelkabel (Winkel Ausführung) bei 4 GHz
Return loss semi-rigid cable (angle style) at 6 GHz	≥ 23.2 dB	Rückflussdämpfung Festmantelkabel (Winkel Ausführung) bei 6 GHz

Elektrische Eigenschaften

The Return Loss values shown above correspond to the IEC standard 60 169-15. In most cases, the RF connectors from Telegärtner fulfill or exceed these requirements. Depending on the design and cable type, however, particular connectors could deviate from the norm. The exact parameters of individual products are available upon request.

Die oben angeführten Rückflussdämpfungswerte entsprechen der IEC-Norm 60 169-15. Die Telegärtner-Steckverbinder erfüllen oder übertreffen in den meisten Fällen diese Normwerte. Je nach Ausführung und Kabeltype können einzelne Steckverbinder jedoch abweichen. Die genauen Parameter der einzelnen Produkte sind auf Anfrage erhältlich.

Types	Last digit	Endziffer	Ausführungen
Gold (Standard)	1		Gold (Standard)
MIL-gold	2		MIL-Gold
Silver plated	4		Silber beschichtet
Stainless steel, passivated (MIL type)	6		Edelstahl, passiviert (MIL-Ausführung)
Type for printed circuits (tinned solder pins)	7		Leiterplatten-Ausführung (verzinnter Lötanschluss)
Telealloy (white bronze)	8		Telealloy
Nickel	9		Nickel

Standards

IEC 60 169-15

Normen

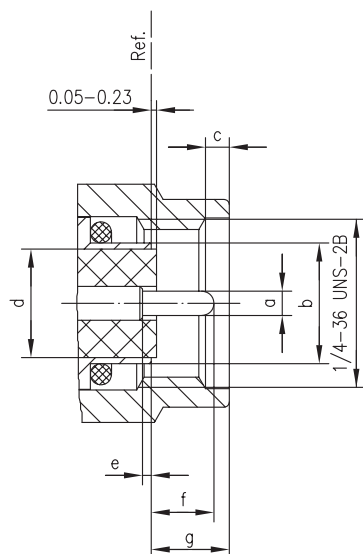
IEC 60 169-15

Versions with last digits 1, 8 and 9 are available as standard. Types with last digits 2, 4, 6 and 7 can be manufactured when a defined minimum quantity is ordered.

Als Standard werden die Typen mit den Endziffern 1, 8 und 9 angeboten. Die Typen mit den Endziffern 2, 4, 6 und 7 können auf Anfrage bei Einhaltung einer Mindestbestellmenge geliefert werden.

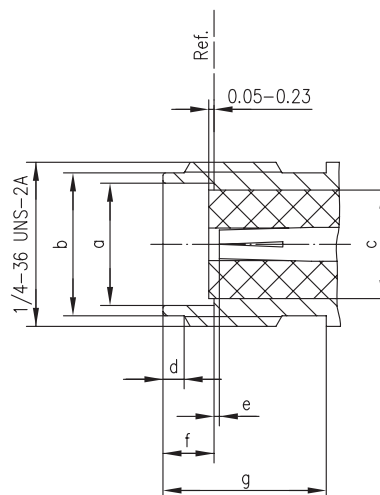
SMA Mating Face SMA- Steckgesicht

Plug Stecker

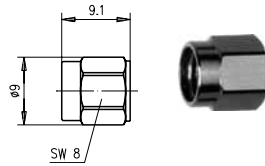


	[mm]		[inch]	
	min.	max.	min.	max.
a	0.902	0.940	0.035	0.037
b	-	4.59	-	0.181
c	0.38	1.14	0.015	0.045
d	-	4.178	-	0.165
e	0.0	-	0.0	-
f	-	2.54	-	0.100
g	-	3.43	-	0.135
h	-	3.43	-	0.135

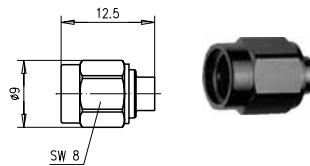
Jack Buchse



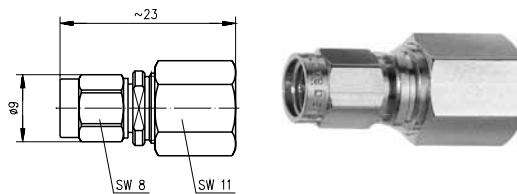
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	min.	max.	min.	max.
a	4.60	4.67	0.181	0.184
b	5.28	5.49	0.208	0.216
c	-	4.178	-	0.165
d	0.38	1.14	0.015	0.045
e	0.0	0.41	0.0	0.016
f	1.88	1.98	0.074	0.078
g	5.54	-	0.218	-
h	5.54	-	0.218	-

SMA Straight Plug
SMA-Kabelstecker

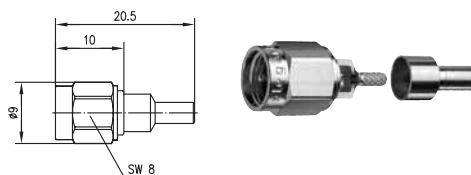
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
J01150A0111	G10 (UT-141)	Gold (Standard)	without inner conductor, IP 68 ohne Innenleiter, IP 68	C16
J01150A0118	G10 (UT-141)	Tealloy (white bronze)	without inner conductor, IP 68 ohne Innenleiter, IP 68	C16



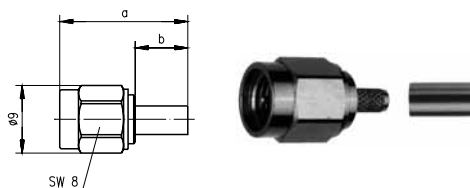
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
J01150A0121	G11 (UT-85)	Gold (Standard)	with inner conductor, IP 68 mit Innenleiter, IP 68	C01
J01150A0128	G11 (UT-85)	Tealloy (white bronze)	with inner conductor, IP 68 mit Innenleiter, IP 68	C01
J01150A0131	G10 (UT-141)	Gold (Standard)	with inner conductor, IP 68 mit Innenleiter, IP 68	C01
J01150A0138	G10 (UT-141)	Tealloy (white bronze)	with inner conductor, IP 68 mit Innenleiter, IP 68	C01



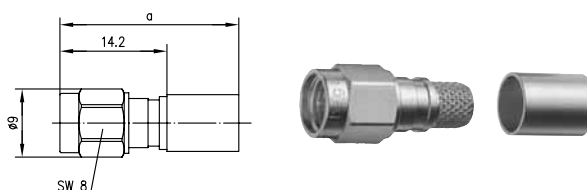
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
J01150A0501	G9 (UT-250)	Gold (Standard)	solder/clamp löt/klemm	C22

SMA Straight Plug Crimp
SMA-Kabelstecker Crimp

Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01150A0601	G3 (RG-178B/U)	Gold (Standard)	solder/crimp; >17 dB/2 GHz; >12 dB/4 GHz löt/crimp; >17 dB/2 GHz; >12 dB/4 GHz	C0103	N01001A0009



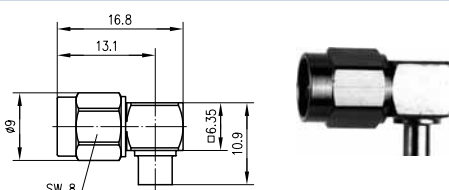
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01150A0011	G7 (RG-316/U)	Gold (Standard)	solder/crimp löt/crimp	a=17, b=7	C0103	N01001A0009
J01150A0018	G7 (RG-316/U)	Tealloy (white bronze)	solder/crimp löt/crimp	a=17, b=7	C0103	N01001A0009
J01150A0019	G7 (RG-316/U)	Nickel	solder/crimp löt/crimp	a=17, b=7	C0103	N01001A0009
J01150A0021	G8 (RD-316)	Gold (Standard)	solder/crimp löt/crimp	a=17, b=7	C0114	N01001A0014
J01150A0028	G8 (RD-316)	Tealloy (white bronze)	solder/crimp löt/crimp	a=17, b=7	C0114	N01001A0014
J01150A0029	G8 (RD-316)	Nickel	solder/crimp löt/crimp	a=17, b=7	C0114	N01001A0014
J01150A0041	G1 (RG-58C/U)	Gold (Standard)	solder/crimp löt/crimp	a=23.3, b=13	C0105	N01001A0005
J01150A0049	G1 (RG-58C/U)	Nickel	solder/crimp löt/crimp	a=23.3, b=13	C0105	N01001A0005
J01150A0031	G5 (RG-223/U); RG-142B/U	Gold (Standard)	solder/crimp löt/crimp	a=23.8, b=13.5	C0105	N01001A0005
J01150A0038	G5 (RG-223/U); RG-142B/U	Tealloy (white bronze)	solder/crimp löt/crimp	a=23.8, b=13.5	C0105	N01001A0005
J01150A0039	G5 (RG-223/U); RG-142B/U	Nickel	solder/crimp löt/crimp	a=23.8, b=13.5	C0105	N01001A0005



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Dimensions Abmessungen	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01150A0641	G44 (1.1/2.95)	Gold (Standard)	a=27,2	crimp/crimp	C2705	N01001A0005
J01150A0611	G30 (1.5/3.8)	Gold (Standard)	a=23,7	crimp/crimp	C2706	N01001A0007
J01150A0618	G30 (1.5/3.8)	Tealloy (white bronze)	a=23,7	crimp/crimp	C2706	N01001A0007

SMA Angle Plug SMA-Kabelwinkelstecker

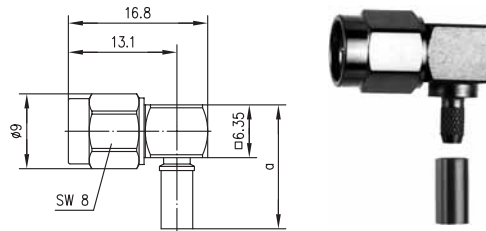
7.3



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
J01150A0141	G11 (UT-85)	Gold (Standard)	>21 dB / 2 GHz; >15 dB / 6 GHz	C02
J01150A0148	G11 (UT-85)	Tealloy (white bronze)	>21 dB / 2 GHz; >15 dB / 6 GHz	C02
J01150A0151	G10 (UT-141)	Gold (Standard)		C02
J01150A0158	G10 (UT-141)	Tealloy (white bronze)		C02

SMA Angle Plug Crimp

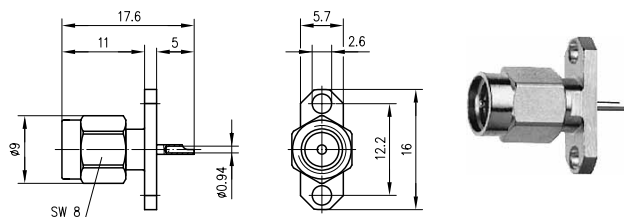
SMA-Kabelwinkelstecker Crimp



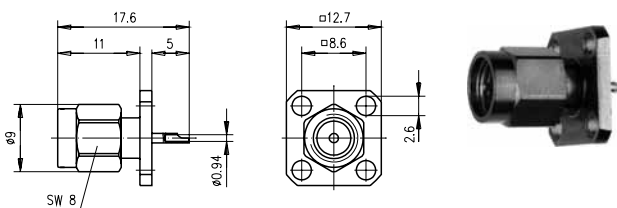
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01150A0541	G3 (RG-178B/U)	Gold (Standard)	a=14.9	C0413	N01001A0010
J01150A0549	G3 (RG-178B/U)	Nickel	a=14.9	C0413	N01001A0010
J01150A0551	K 01252D	Gold (Standard)	a=14.9	C0413	N01001A0010
J01150A0061	G7 (RG-316/U)	Gold (Standard)	a=14.9	C0403	N01001A0009
J01150A0068	G7 (RG-316/U)	Telealloy (white bronze)	a=14.9	C0403	N01001A0009
J01150A0069	G7 (RG-316/U)	Nickel	a=14.9	C0403	N01001A0009
J01150A0071	G8 (RD-316)	Gold (Standard)	a=14.9	C0414	N01001A0014
J01150A0078	G8 (RD-316)	Telealloy (white bronze)	a=14.9	C0414	N01001A0014
J01150A0079	G8 (RD-316)	Nickel	a=14.9	C0414	N01001A0014
J01150A0091	G1 (RG-58C/U)	Gold (Standard)	a=20.9	C0405	N01001A0005
J01150A0099	G1 (RG-58C/U)	Nickel	a=20.9	C0405	N01001A0005
J01150A0081	G5 (RG-223/U); RG-142B/U; 1.0/2.95 AF	Gold (Standard)	a=21.4	C0405	N01001A0005
J01150A0088	G5 (RG-223/U); RG-142B/U; 1.0/2.95 AF	Telealloy (white bronze)	a=21.4	C0405	N01001A0005
J01150A0089	G5 (RG-223/U); RG-142B/U; 1.0/2.95 AF	Nickel	a=21.4	C0405	N01001A0005
J01150A0521	G30 (1.5/3.8); LMR-240	Gold (Standard)	a=21.9	C0406	N01001A0007

SMA Panel Receptacle, male

SMA-Einbaustecker mit Flansch



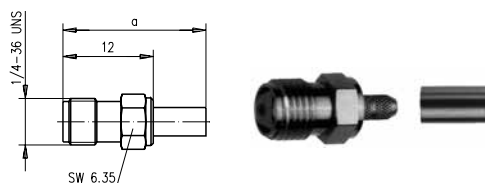
Order no. Bestell-Nr.	Finish Oberfläche	Assembly Montage
J01150A0161	Gold (Standard)	Z28
J01150A0169	Nickel	Z28



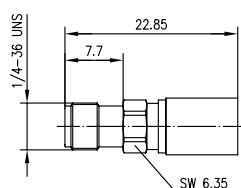
Order no. Bestell-Nr.	Finish Oberfläche	Assembly Montage
J01150A0191	Gold (Standard)	Z29
J01150A0199	Nickel	Z29

SMA Straight Jack Crimp
SMA-Kabelbuchse Crimp

7.6



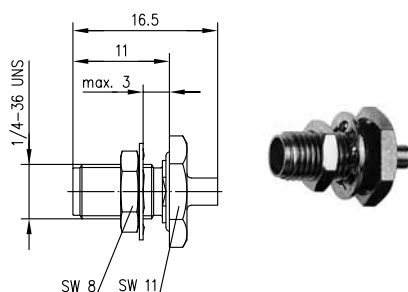
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01151A0051	G7 (RG-316/U)	Gold (Standard)	a=19	C0703	N01001A0009
J01151A0058	G7 (RG-316/U)	Tealloy (white bronze)	a=19	C0703	N01001A0009
J01151A0059	G7 (RG-316/U)	Nickel	a=19	C0703	N01001A0009
J01151A0351	G8 (RD-316)	Gold (Standard)	a=19	C0714	N01001A0014
J01151A0358	G8 (RD-316)	Tealloy (white bronze)	a=19	C0714	N01001A0014
J01151A0359	G8 (RD-316)	Nickel	a=19	C0714	N01001A0014
J01151A0491	G1 (RG-58C/U)	Gold (Standard)	a=25	C0705	N01001A0005
J01151A0498	G1 (RG-58C/U)	Tealloy (white bronze)	a=25	C0705	N01001A0005
J01151A0499	G1 (RG-58C/U)	Nickel	a=25	C0705	N01001A0005
J01151A0611	G5 (RG-223/U); RG-142B/U	Gold (Standard)	a=25.5	C0705	N01001A0005
J01151A0619	G5 (RG-223/U); RG-142B/U	Nickel	a=25.5	C0705	N01001A0005



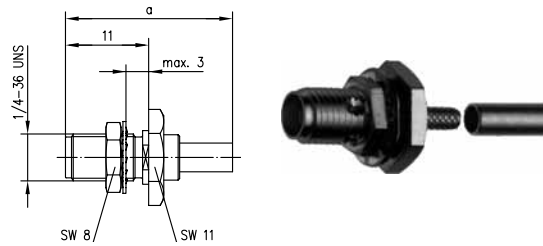
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Assembly Montage	Crimp die Crimpeinsatz
J01151A1061	G30 (1.5/3.8)	Gold (Standard)	C2706	N01001A0007
J01151A1068	G30 (1.5/3.8)	Tealloy (white bronze)	C2706	N01001A0007

SMA Bulkhead Jack
SMA-Kabeleinbaubuchse

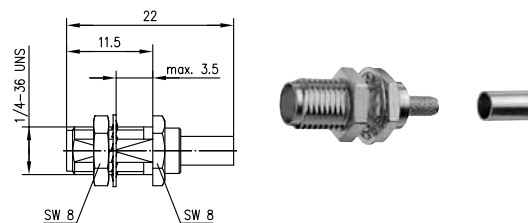
7.7



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage
J01151A0061	G11 (UT-85)	Gold (Standard)	with panel seal IP 68 mit Dichtring IP 68	Z27	C18
J01151A0069	G11 (UT-85)	Nickel	with panel seal IP 68 mit Dichtring IP 68	Z27	C18
J01151A0911	G10 (UT-141)	Gold (Standard)	with panel seal IP 68 mit Dichtring IP 68	Z27	C18

SMA Bulkhead Jack Crimp
SMA-Kabeleinbaubuchse Crimp


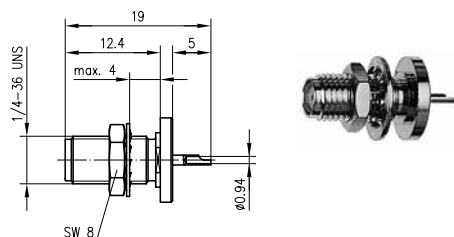
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01151A0001	G7 (RG-316/U)	Gold (Standard)		a=22	Z27	C0803	N01001A0009
J01151A0009	G7 (RG-316/U)	Nickel		a=22	Z27	C0803	N01001A0009
J01151A0541	G7 (RG-316/U)	Gold (Standard)	with panel seal mit Dichtring	a=22	Z27	C0803	N01001A0009
J01151A0549	G7 (RG-316/U)	Nickel	with panel seal mit Dichtring	a=22	Z27	C0803	N01001A0009
J01151A0221	G8 (RD-316)	Gold (Standard)		a=22	Z27	C0814	N01001A0014
J01151A0229	G8 (RD-316)	Nickel		a=22	Z27	C0814	N01001A0014
J01151A0601	G8 (RD-316)	Gold (Standard)	with panel seal mit Dichtring	a=22	Z27	C0814	N01001A0014
J01151A0609	G8 (RD-316)	Nickel	with panel seal mit Dichtring	a=22	Z27	C0814	N01001A0014
J01151A0401	G1 (RG-58C/U)	Gold (Standard)		a=26	Z27	C0805	N01001A0005
J01151A0408	G1 (RG-58C/U)	Telealloy (white bronze)		a=26	Z27	C0805	N01001A0005
J01151A0409	G1 (RG-58C/U)	Nickel		a=26	Z27	C0805	N01001A0005
J01151A1091	G1 (RG-58/U)	Gold (Standard)	with panel seal mit Dichtring	a=26	Z27	C0805	N01001A0005
J01151A0011	G5 (RG-223/U); RG-142B/U	Gold (Standard)		a=26.5	Z27	C0805	N01001A0005
J01151A0018	G5 (RG-223/U); RG-142B/U	Telealloy (white bronze)		a=26.5	Z27	C0805	N01001A0005
J01151A0019	G5 (RG-223/U); RG-142B/U	Nickel		a=26.5	Z27	C0805	N01001A0005
J01151A1101	G5 (RG-223/U)	Gold (Standard)	with panel seal mit Dichtring	a=26.5	Z27	C0805	N01001A0005
J01151A1111	G30 (1.5/3.8)	Gold (Standard)	with panel seal mit Dichtring	a= 22.85	Z027	C2706	N01001A0007



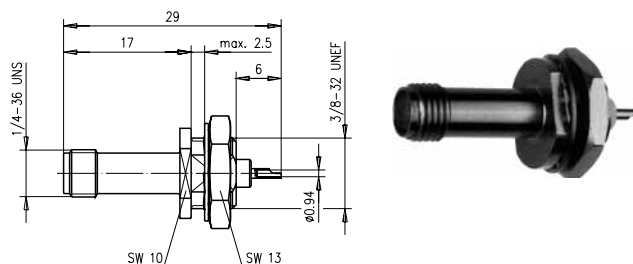
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Mount. dim. Einbaumaß	Assembly Montage
J01151A0671	G7 (RG-316/U)	Gold (Standard)	Z36	C0803

SMA Bulkhead Receptacle, female
SMA-Einbaubuchse

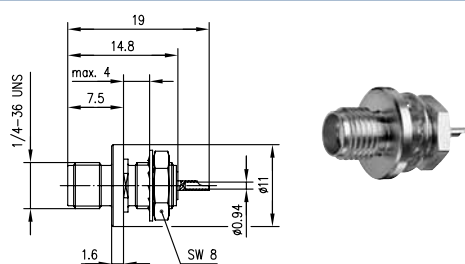
7.9



Order no. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01151A0021	Gold (Standard)	rear mounting Einbau von hinten	Z27
J01151A0029	Nickel	rear mounting Einbau von hinten	Z27
J01151A0031	Gold (Standard)	rear mounting with panel seal Einbau von hinten mit Dichtring	Z27
J01151A0038	Tealloy (white bronze)	rear mounting with panel seal Einbau von hinten mit Dichtring	Z27
J01151A0039	Nickel	rear mounting with panel seal Einbau von hinten mit Dichtring	Z27



Order no. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01151A0471	Gold (Standard)	front mounting Einbau von vorne	Z01
J01151A0479	Nickel	front mounting Einbau von vorne	Z01

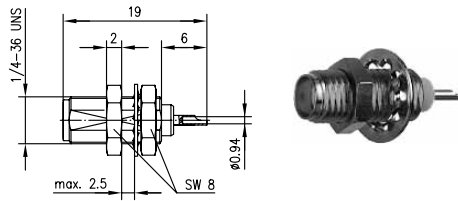


Order no. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01151A1071	Gold (Standard)	front mounting Einbau von vorne	Z27
J01151A1078	Tealloy (white bronze)	front mounting Einbau von vorne	Z27
J01151A1081	Gold (Standard)	Front mounting with panel seal Einbau von vorne mit Dichtring	Z27
J01151A1088	Tealloy (white bronze)	Front mounting with panel seal Einbau von vorne mit Dichtring	Z27

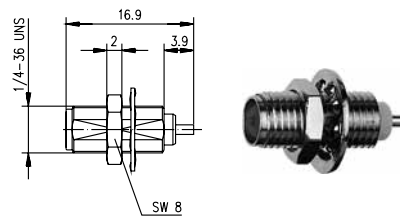
7.9

SMA Bulkhead Receptacle, female

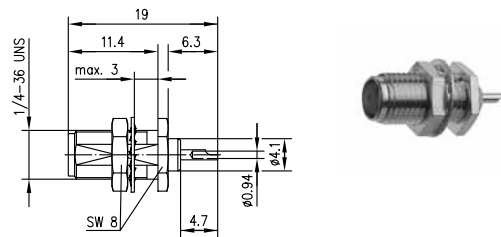
SMA-Einbaubuchse



Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0531	Gold (Standard)	Z36
J01151A0539	Nickel	Z36



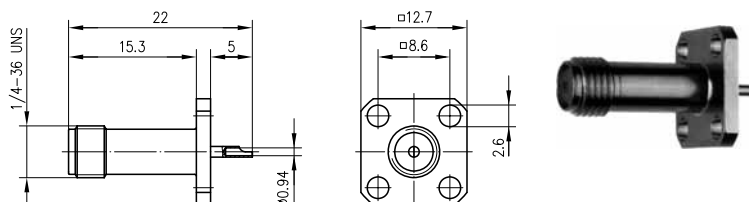
Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0741	Gold (Standard)	Z36
J01151A0749	Nickel	Z36



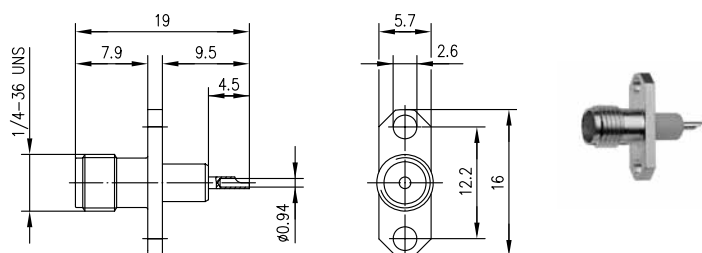
Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0891	Gold (Standard)	Z36
J01151A0898	Telealloy (white bronze)	Z36

SMA Panel Socket

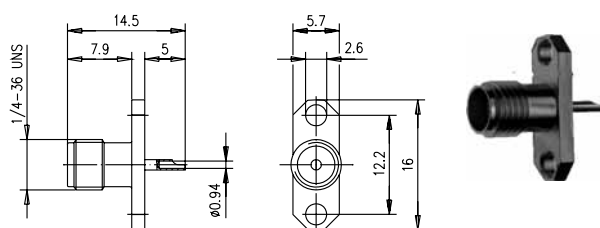
SMA-Einbaubuchse mit Flansch



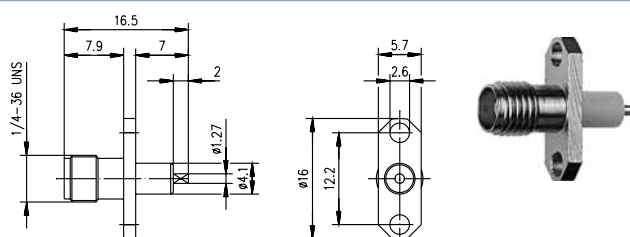
Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0161	Gold (Standard)	Z29
J01151A0169	Nickel	Z29



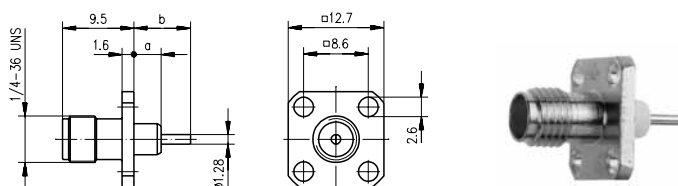
Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0151	Gold (Standard)	Z28
J01151A0159	Tealloy (white bronze)	Z28



Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0141	Gold (Standard)	Z28
J01151A0149	Nickel	Z28



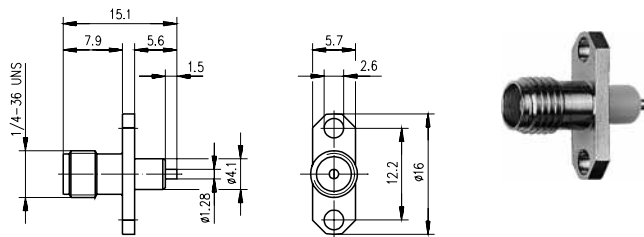
Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0721	Gold (Standard)	Z28



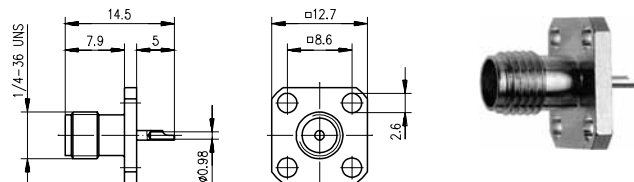
Order no. Bestell-Nr.	Finish Oberfläche	Dimensions Abmessungen	Mount. dim. Einbaumaß
J01151A0621	Gold (Standard)	a=3.6, b=7.5	Z29
J01151A0629	Nickel	a=3.6, b=7.5	Z29
J01151A0641	Gold (Standard)	a=18, b=20.5	Z29

SMA Panel Socket

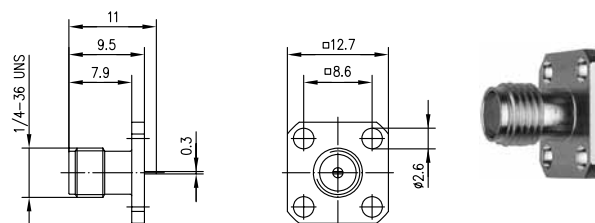
SMA-Einbaubuchse mit Flansch



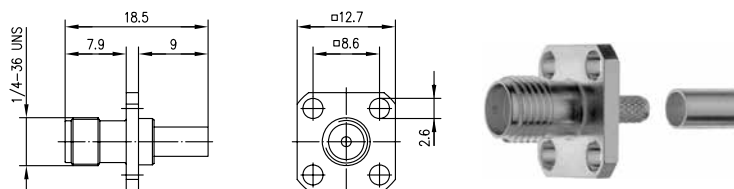
Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0631	Gold (Standard)	Z28



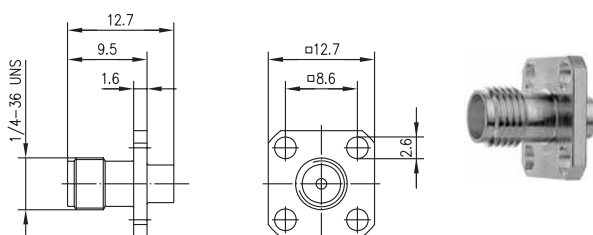
Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0811	Gold (Standard)	Z29



Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0851	Gold (Standard)	Z29



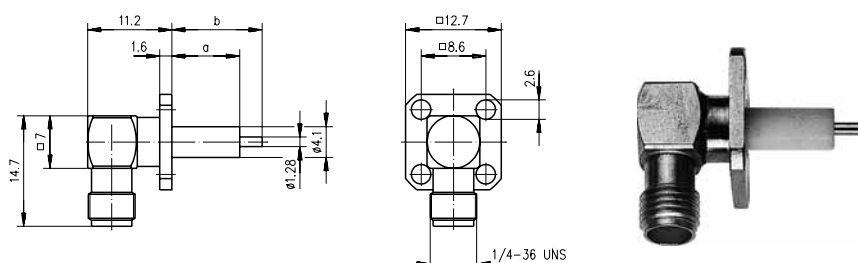
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01151A1011	G7 (RG-316/U)	Gold (Standard)	Z29	C0703	N01001A0009
J01151A1018	G7 (RG-316/U)	Telealloy (white bronze)	Z29	C0703	N01001A0009



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Mount. dim. Einbaumaß	Assembly Montage
J01151A0581	G11 (UT-85)	Gold (Standard)	Z29	C24
J01151A0588	G11 (UT-85)	Telealloy (white bronze)	Z29	C24
J01151A0571	G10 (UT-141)	Gold (Standard)	Z29	C24
J01151A0578	G10 (UT-141)	Telealloy (white bronze)	Z29	C24

SMA Angle Panel Socket SMA-Winkeleinbaubuchse mit Flansch

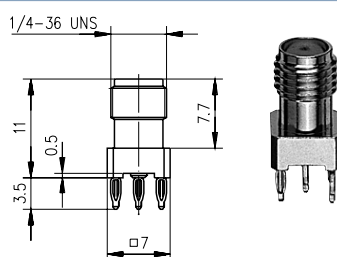
7.11



Order no. Bestell-Nr.	Finish Oberfläche	Dimensions Abmessungen	Mount. dim. Einbaumaß
J01151A0651	Gold (Standard)	a=9, b=12	Z29

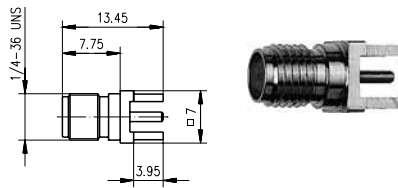
SMA Receptacle, female, for Printed Circuits in Press-In Technology SMA-Buchse für gedruckte Schaltungen in Einpresstechnik

7.12



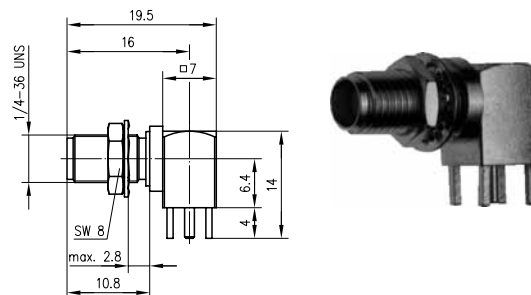
Order no. Bestell-Nr.	Finish Oberfläche	Dimensions Abmessungen Einbaumaß	Mount. dim.
J01151A0331	Gold (Standard)	Further technical information on request Weitere technische Informationen auf Anfrage	Z78

7.13

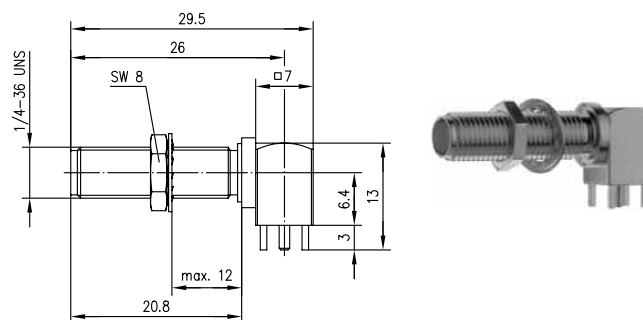
SMA Receptacle, female, for Printed Circuits
SMA-Buchse für gedruckte Schaltungen

Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0931	Gold (Standard)	Z79
J01151A0938	Tealloy (white bronze)	Z79

7.14

SMA Angle Bulkhead Receptacle, female, for Printed Circuits
SMA-Winkeleinbaubuchse für gedruckte Schaltungen

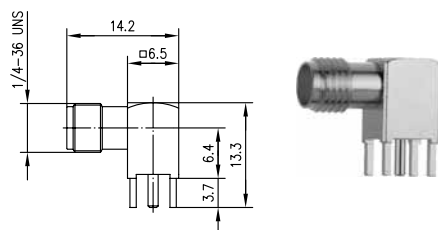
Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0201	Gold (Standard)	Z25/Z55
J01151A0208	Tealloy (white bronze)	Z25/Z55



Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0921	Gold (Standard)	Z25/Z55

SMA Angle Receptacle, female, for Printed Circuits SMA-Winkelbuchse für gedruckte Schaltungen

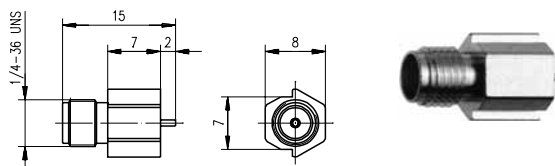
7.15



Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0191	Gold (Standard)	Z25
J01151A0198	Tealloy (white bronze)	Z25

SMA Edge-Mount Jack in SMT SMA-Edge-Mount Buchse in SMT

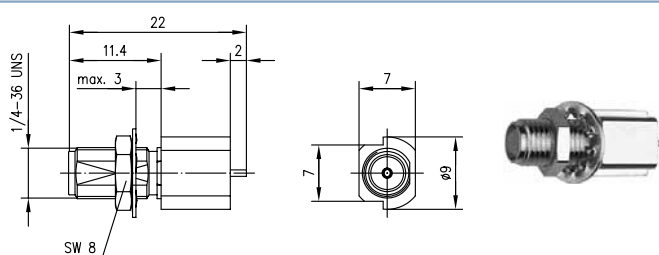
7.16



Order no. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01151A0411	Gold (Standard)	Edge-Mount-Type	Z89
J01151A0418	Tealloy (white bronze)	Edge-Mount-Type	Z89

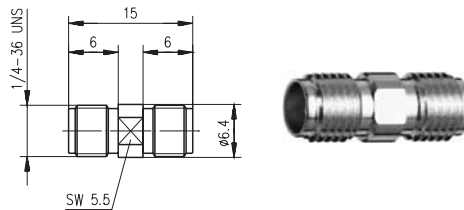
SMA Edge-Mount Receptacle, female, in SMT SMA-Edge-Mount Einbaubuchse in SMT

7.17

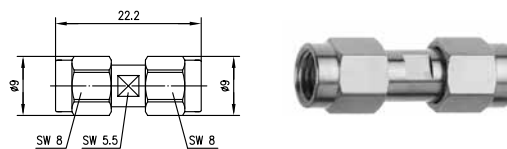


Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01151A0451	Gold (Standard)	Z36/Z97

7.18

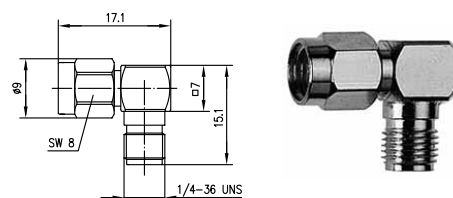
SMA Adaptor
SMA-Kupplung

Order no. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen
J01154A0001	Gold (Standard)	f-f Bu-Bu
J01154A0009	Nickel	f-f Bu-Bu



Order no. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen
J01154A0031	Gold (Standard)	m-m Sti-Sti
J01154A0039	Nickel	m-m Sti-Sti

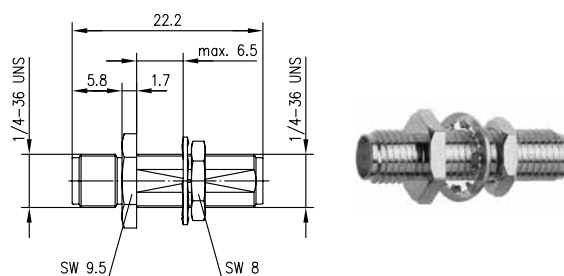
7.19

SMA Angle Adaptor
SMA-Winkelkupplung

Order no. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen
J01154A0021	Gold (Standard)	m-f Sti-Bu
J01154A0029	Nickel	m-f Sti-Bu

SMA Bulkhead Adaptor
SMA-Verbindungsstück

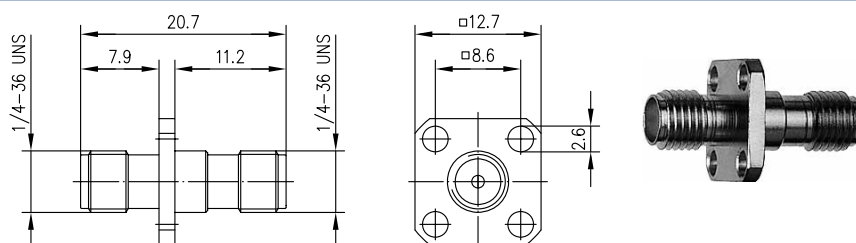
7.20



Order no. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01154A0041	Gold (Standard)	f-f Bu-Bu	Z36

SMA Panel Adaptor
SMA-Einbaukupplung mit Flansch

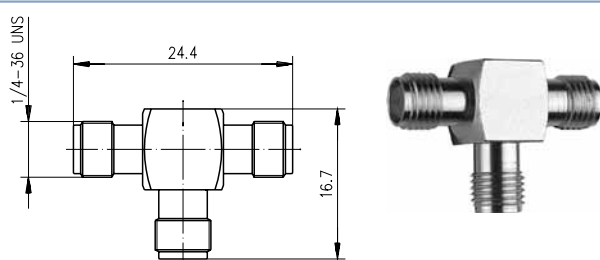
7.21



Order no. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01154A0011	Gold (Standard)	f-f Bu-Bu	Z29
J01154A0019	Nickel	f-f Bu-Bu	Z29

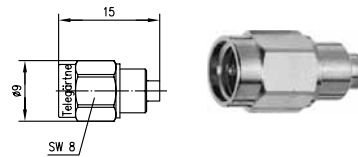
SMA T Adaptor
SMA-T-Stück

7.22



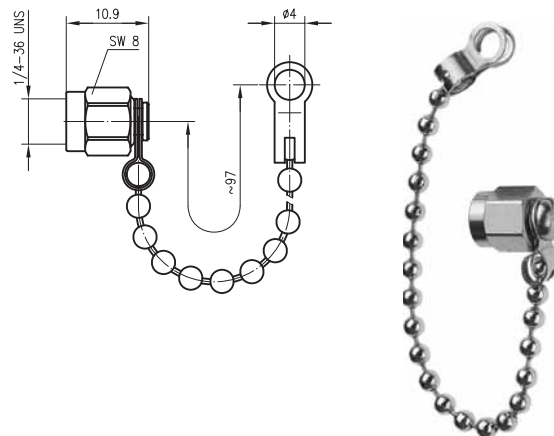
Order no. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen
J01155A0011	Gold (Standard)	f-f-f Bu-Bu-Bu
J01155A0019	Nickel	f-f-f Bu-Bu-Bu

7.23

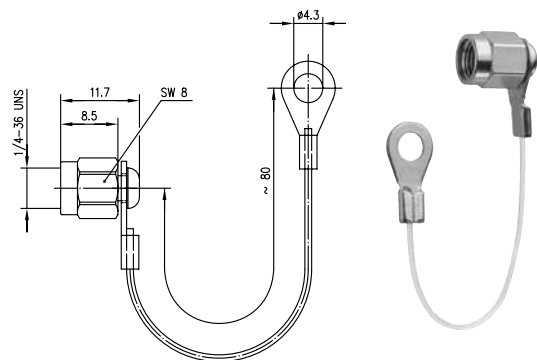
SMA Termination Plug
SMA-Abschlusswiderstand

Order no. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen
J01152A0011	Gold (Standard)	1 W; 34 dB/2 GHz; 23 dB/6 GHz
J01152A0018	Tealloy (white bronze)	1 W; 34 dB/2 GHz; 23 dB/6 GHz
J01152B0011	Gold (Standard)	1 W; 35 dB/2 GHz; 20 dB/18 GHz
J01152B0018	Tealloy (white bronze)	1 W; 35 dB/2 GHz; 20 dB/18 GHz

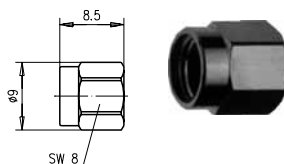
7.24

SMA Dust Cap
SMA-Abdeckkappe

Order no. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen
H00040A0011	Gold (Standard)	with chain mit Kette
H00040A0019	Nickel	with chain mit Kette



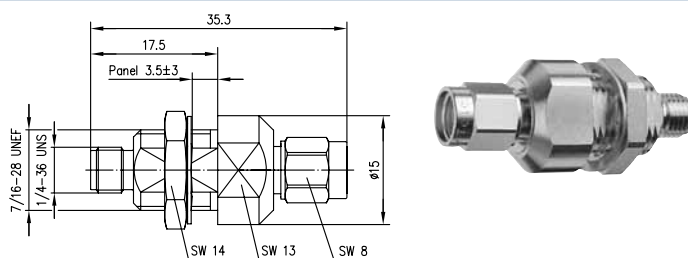
Order no. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen
H00040A0020	Gold (Standard)	with nylon string mit Nylon-Schnur



Order no. Bestell-Nr.	Finish Oberfläche
H00040A0001	Gold (Standard)

SMA Surge Suppressor SMA Überspannungsableiter

7.25



Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01158A0001	25 W; 150 V - 250 V spark over voltage 25 W; 150 V - 250 V Ansprechspannung	m-f with gas discharge arrester, frequency range up to 6 GHz Sti-Bu mit Gasentladungsableiter; Frequenzbereich bis 6 GHz	Z03

SMB/SMC/SMS
SMB/SMC/SMS





SMB/SMC/SMS

SMB/SMC/SMS

Contents

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These connector ranges are all of similar size, but with different coupling techniques:

- SMB has a snap-on coupling allowing rapid but secure connections, and is usable up to 4 GHz.
- SMC has a threaded coupling for vibration-proof installation, and is usable up to 10 GHz.
- SMS has a slide-on coupling which is suitable for rack and panel systems, and is usable up to 4 GHz.

The impedance is controlled at 50 ohm for all types. Connector styles are available for flexible, conformable and semi-rigid cables. Versions of these connector series are available for mounting to printed circuit boards using both through-hole soldered and through-hole press-fit techniques, as well as surface mount technology (SMD). Solder and crimp techniques are used to terminate this series to cables. SMB/SMC/SMS connectors find applications in all types of electronic equipment.

Die Steckverbindungen der Serien SMB/SMC/SMS werden mit drei verschiedenen Kupplungsarten angeboten:

- SMB-Steckverbinder haben Schnapptechnik, die eine schnelle aber sichere Verbindung gewährleistet und bis zu einer Frequenz von 4 GHz einsetzbar sind.
- SMC-Steckverbinder haben vibrationsbeständige Schraubverbindungen und sind bis zu einer Frequenz von 10 GHz einsetzbar.
- SMS-Steckverbinder sind Einschubverbindungen, die nur geringe Steck- und Ziehkräfte erfordern und daher besonders für Einschubgehäuse geeignet sind. Sie sind bis zu einer Frequenz von 4 GHz einsetzbar.

Die Steckverbindungen der Serie SMB/SMC/SMS haben einen Wellenwiderstand von 50 Ohm. Steckverbindervarianten gibt es für flexible, Semi-Flex- und Semi-Rigid-Kabel. Die Leiterplattensteckverbinder der Serie SMB/SMC/SMS sind als Löt- bzw. Einpresstypen erhältlich. Kabel werden durch Löten oder Crimpen angeschlossen. Die Steckverbinder der Serie SMB/SMC/SMS werden in einer Vielzahl von elektronischen Geräten eingesetzt.

Mechanical Characteristics

Recommended coupling torque	SMC 25-35 Ncm	Empfohlenes Kupplungsdrehmoment
Durability (mating cycles): standard type	≥ 100	Lebensdauer (Steckungen): Standard-Ausführung
Durability (mating cycles): MIL type	≥ 500	Lebensdauer (Steckungen): MIL-Ausführung
Insertion/Withdrawal force	SMB 14 N typ.	Steckkraft/Ziehkraft
Withdrawal force	SMS 10 N typ.	Ziehkraft
Material: Spring contacts	CuBe2	Werkstoff: Federnde Kontakteile
Material: Crimp ferrule	Cu	Werkstoff: Crimprohr
Material: Serrated lock washer	CuSn6	Werkstoff: Fächerscheibe
Material: Other metal parts	CuZn39Pb3	Werkstoff: Sonstige Metallteile
Material: Insulators	PTFE	Werkstoff: Isolierteile
Material: Gaskets	Silicon	Werkstoff: Dichtungen
Finish: Inner conductor	Cu1Ni2Au1.27	Oberfläche: Innenleiter
Finish outer conductor: Gold plated (standard; last digit ...1)	Cu1Ni2Au0.8	Oberfläche Außenleiter: Gold beschichtet (Standard; Endziffer ...1)
Finish outer conductor: MIL gold plated (last digit ...2)	Cu1Ni2Au1.27	Oberfläche Außenleiter: MIL Gold beschichtet (Endziffer ...2)
Finish outer conductor: Type for printed circuits (last digit ...7)	SnPb8	Oberfläche Außenleiter: Leiterplatten-Ausführung (Endziffer ...7)
Finish outer conductor: Telealloy (white bronze) plated (last digit ...8)	CuSnZn3	Oberfläche Außenleiter: Telealloy beschichtet (Endziffer ...8)
Finish outer conductor: Nickel plated (last digit ...9)	Cu2Ni5	Oberfläche Außenleiter: Nickel beschichtet (Endziffer ...9)
Finish other metal parts: Gold plated (standard; last digit ...1)	Cu2Ni5Au0.2	Oberfläche sonstiger Metallteile: Gold beschichtet (Standard; Endziffer ...1)
Finish other metal parts: MIL gold plated (last digit ...2)	Cu1Ni2Au0.8	Oberfläche sonstiger Metallteile: MIL Gold beschichtet (Endziffer ...2)
Finish other metal parts: Nickel plated (last digit ...9)	Cu2Ni5, CuSnZn3	Oberfläche sonstiger Metallteile: Nickel beschichtet (Endziffer ...9)

Climatic Characteristics

Tested / classified in accordance with DIN EN 60068-1	55/155/21	Prüfklasse nach DIN EN 60068-1
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Electrical Characteristics

Contact resistance inner conductor	≤ 5 mΩ	Durchgangswiderstand Innenleiter
Contact resistance outer conductor	≤ 2.5 mΩ	Durchgangswiderstand Außenleiter
Insulation resistance	≥ 1 GΩ	Isolationswiderstand
Voltage proof	750 V / 50 Hz	Spannungsfestigkeit
Impedance	50 Ω	Wellenwiderstand
Return loss flexible cable (straight type) at 1 GHz	≥ 20.0 dB	Rückflusdämpfung Flexible Kabel (Gerade Ausführung) bei 1 GHz
Return loss flexible cable (straight type) at 3 GHz	≥ 16.5 dB	Rückflusdämpfung Flexible Kabel (Gerade Ausführung) bei 3 GHz
Return loss flexible cable (angle type) at 1 GHz	≥ 14.0 dB	Rückflusdämpfung Flexible Kabel (Winkel Ausführung) bei 1 GHz
Return loss flexible cable (angle type) at 3 GHz	≥ 12.4 dB	Rückflusdämpfung Flexible Kabel (Winkel Ausführung) bei 3 GHz
Frequency range up to	4 GHz SMB/SMS; 10 GHz SMC	Frequenzbereich bis

The Return Loss values shown above correspond to the IEC standard 60 169-9 resp. 60 169-10. In most cases, the RF connectors from Telegärtner fulfill or exceed these requirements. Depending on the design and cable type, however, particular connectors could deviate from the norm. The exact parameters of individual products are available upon request.

Die oben angeführten Rückflusdämpfungswerte entsprechen der IEC-Norm 60 169-9 bzw. 60 169-10. Die Telegärtner-Steckverbinder erfüllen oder übertreffen in den meisten Fällen diese Normwerte. Je nach Ausführung und Kabeltype können einzelne Steckverbinder jedoch abweichen. Die genauen Parameter der einzelnen Produkte sind auf Anfrage erhältlich.

Standards

IEC 60 169-9
IEC 60 169-10

Normen

IEC 60 169-9
IEC 60 169-10

Types

Types	Last digit	Endziffer	Ausführungen
Gold (Standard)	1		Gold (Standard)
MIL-gold	2		MIL-Gold
Type for printed circuits (tinned solder pins)	7		Leiterplatten-Ausführung (verzinnter Lötanschluss)
Telealloy (white bronze)	8		Telealloy
Nickel	9		Nickel

Versions with last digits 1, 8 and 9 are available as standard. Types with last digits 2, 4, 6 and 7 can be manufactured when a defined minimum quantity is ordered.

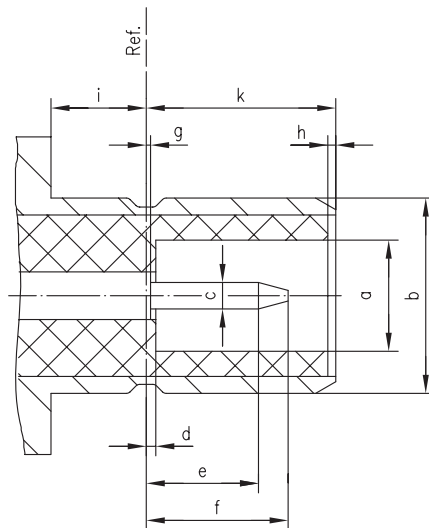
Als Standard werden die Typen mit den Endziffern 1, 8 und 9 angeboten. Die Typen mit den Endziffern 2, 4, 6 und 7 können auf Anfrage bei Einhaltung einer Mindestbestellmenge geliefert werden.

SMB Mating Face

SMB-Steckgesicht

Plug

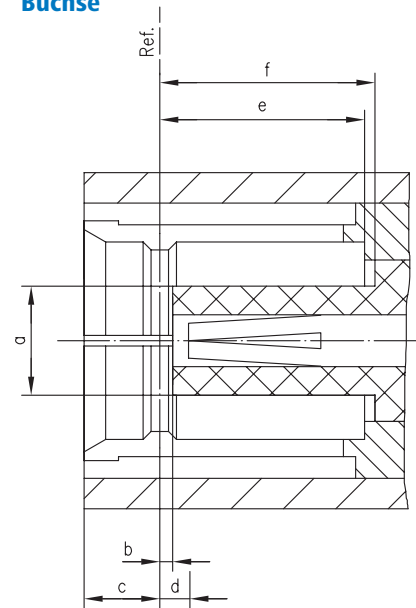
Stecker



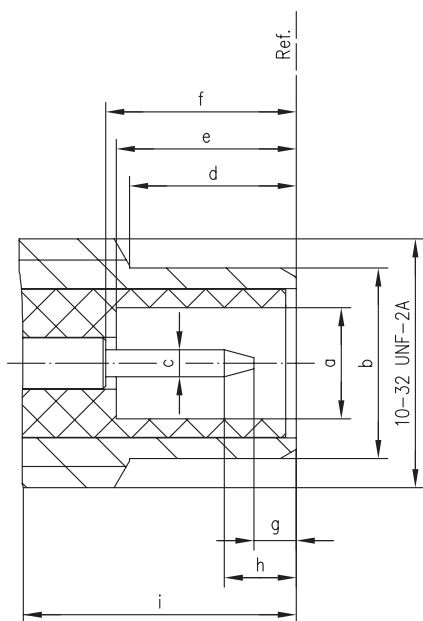
	[mm]		[inch]	
	min.	max.	min.	max.
a	2.08	-	0.082	-
b	3.66	3.71	0.144	0.146
c	0.48	0.53	0.019	0.021
d	-	0.18	-	0.007
e	1.32	-	0.052	-
f	-	2.97	-	0.117
g	-	0.18	-	0.007
h	0.0	-	0.0	-
i	1.65	-	0.065	-
k	3.33	3.58	0.131	0.141

Jack

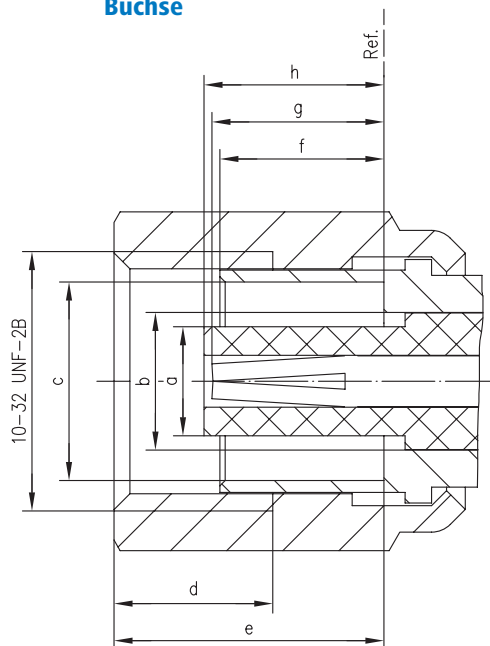
Buchse



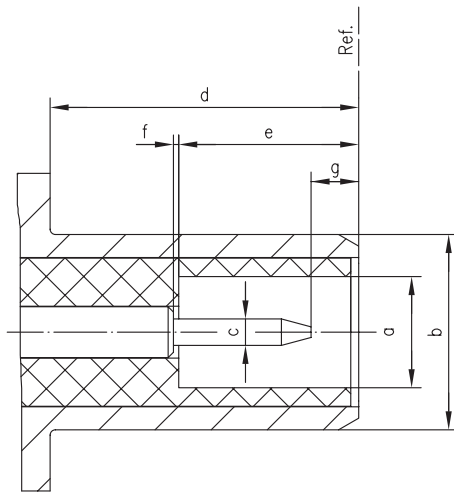
	[mm]		[inch]	
	min.	max.	min.	max.
a	-	2.06	-	0.081
b	0.18	-	0.007	-
c	-	1.63	-	0.064
d	0.18	0.94	0.007	0.037
e	3.58	-	0.141	-
f	3.58	-	0.141	-

SMC Mating Face
SMC-Steckgesicht
Plug
Stecker


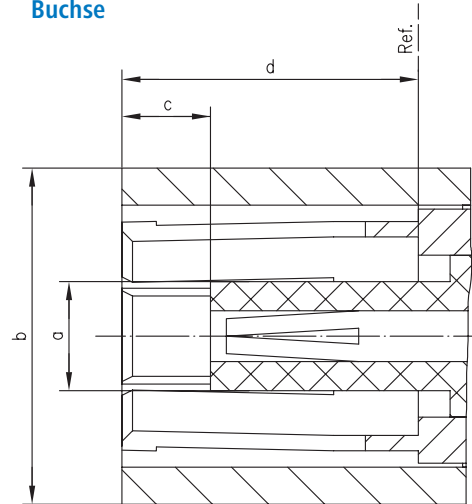
	[mm]		[inch]	
	min.	max.	min.	max.
a	2.08	-	0.082	-
b	-	3.71	-	0.146
c	0.48	0.53	0.019	0.021
d	3.12	3.38	0.123	0.133
e	3.40	-	0.134	-
f	3.40	-	0.134	-
g	0.61	-	0.024	-
h	-	2.13	-	0.084
i	5.94	-	0.234	-

Jack
Buchse


	[mm]		[inch]	
	min.	max.	min.	max.
a	-	2.06	-	0.081
b	-	3.07	-	0.121
c	3.73	-	0.147	-
d	2.79	-	0.110	-
e	-	5.92	-	0.233
f	-	3.10	-	0.122
g	2.85	3.40	0.112	0.134
h	-	3.40	-	0.134

SMS Mating Face
SMS-Steckgesicht
Plug
Stecker


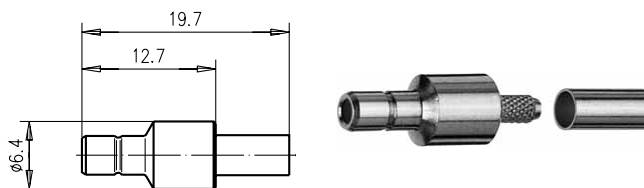
	[mm]		[inch]	
	min.	max.	min.	max.
a	2.08	2.16	0.082	0.085
b	3.66	3.71	0.144	0.146
c	0.48	0.53	0.019	0.021
d	5.75	-	0.225	-
e	3.40	-	0.134	-
f	0.0	0.18	0.0	0.007
g	0.61	-	0.024	-

Jack
Buchse


	[mm]		[inch]	
	min.	max.	min.	max.
a	-	2.06	-	0.081
b	-	6.5	-	0.256
c	1.81	2.36	0.071	0.093
d	5.6	-	0.221	-

Straight Plug Crimp
Kabelstecker Crimp

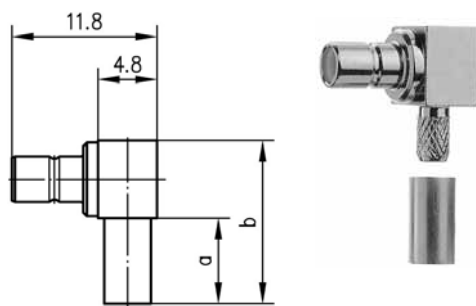
8.1



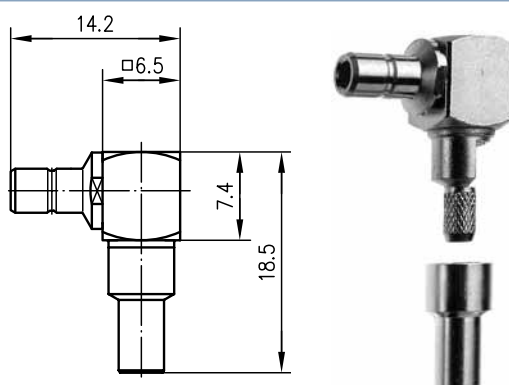
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01160A0401	SMB	G7 (RG-316/U)	Gold (Standard)	crimp/crimp	C1616	N01001A0009
J01160A0409	SMB	G7 (RG-316/U)	Nickel	crimp/crimp	C1616	N01001A0009
J01160A0471	SMB	G8 (RD-316)	Gold (Standard)	crimp/crimp	C1620	N01001A0014
J01160A0479	SMB	G8 (RD-316)	Nickel	crimp/crimp	C1620	N01001A0014

Angle Plug Crimp
Kabelwinkelstecker Crimp

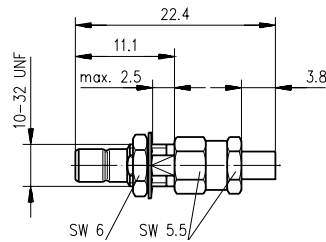
8.2



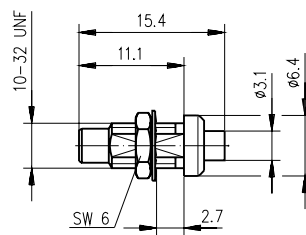
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Assembly Montage	Crimp die Crimpeinsatz
J01160A0551	SMB	G3 (RG-178B/U)	Gold (Standard)	C3413	N01001A0010
J01160A0558	SMB	G3 (RG-178B/U)	Telealloy (white bronze)	C3413	N01001A0010
J01160A0531	SMB	G7 (RG-316/U)	Gold (Standard)	C3403	N01001A0009
J01160A0538	SMB	G7 (RG-316/U)	Telealloy (white bronze)	C3403	N01001A0009
J01160A0561	SMB	G8 (RD-316)	Gold (Standard)	C3414	N01001A0014
J01160A0568	SMB	G8 (RD-316)	Telealloy (white bronze)	C3414	N01001A0014



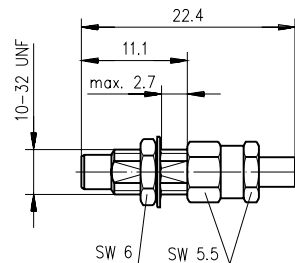
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Assembly Montage	Crimp die Crimpeinsatz
J01160A0281	SMB	G7 (RG-316/U)	Gold (Standard)	C1003	N01001A0009
J01160A0288	SMB	G7 (RG-316/U)	Telealloy (white bronze)	C1003	N01001A0009

Bulkhead Plug
Kabeleinbaustecker

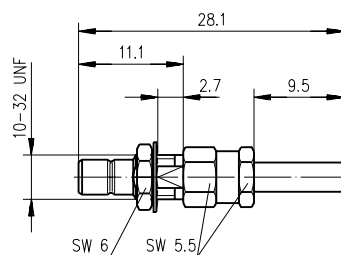
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Mount. dim. Einbaumaß	Assembly Montage
J01160A0151	SMB	G11 (UT-85)	Gold (Standard)	Z24	C17
J01160A0159	SMB	G11 (UT-85)	Nickel	Z24	C17



Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Mount. dim. Einbaumaß	Assembly Montage
J01170A0161	SMC	G11 (UT-85)	Gold (Standard)	Z24	C19

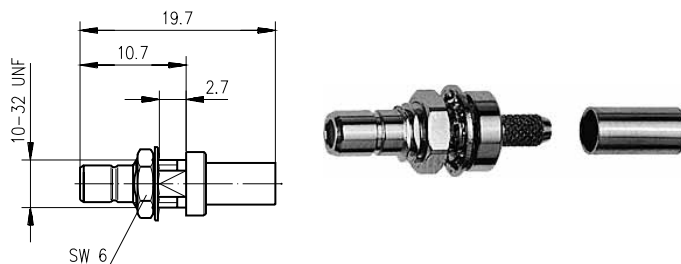


Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Mount. dim. Einbaumaß	Assembly Montage
J01170A0061	SMC	G11 (UT-85)	Gold (Standard)	Z24	C17
J01170A0069	SMC	G11 (UT-85)	Nickel	Z24	C17

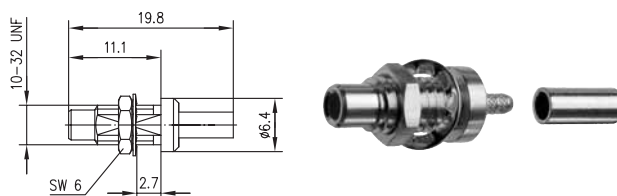
Bulkhead Plug Crimp
Kabeleinbaustecker Crimp

Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01160A0091	SMB	G3 (RG-178B/U)	Gold (Standard)	solder/crimp löt/crimp	Z24	C1413	N01001A0010

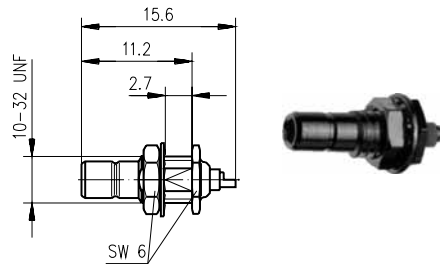
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01160A0099	SMB	G3 (RG-178B/U)	Nickel	solder/crimp löt/crimp	Z24	C1413	N01001A0010
J01160A0101	SMB	G7 (RG-316/U)	Gold (Standard)	solder/crimp löt/crimp	Z24	C1403	N01001A0010
J01160A0109	SMB	G7 (RG-316/U)	Nickel	solder/crimp löt/crimp	Z24	C1403	N01001A0010
J01160A0111	SMB	G8 (RD-316)	Gold (Standard)	solder/crimp löt/crimp	Z24	C1414	N01001A0014
J01160A0119	SMB	G8 (RD-316)	Nickel	solder/crimp löt/crimp	Z24	C1414	N01001A0014



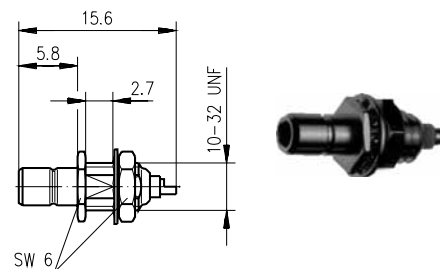
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01160A0381	SMB	G3 (RG-178B/U)	Gold (Standard)	crimp/crimp	Z24	C1617	N01001A0010
J01160A0388	SMB	G3 (RG-178B/U)	Telealloy (white bronze)	crimp/crimp	Z24	C1617	N01001A0010
J01160A0389	SMB	G3 (RG-178B/U)	Nickel	crimp/crimp	Z24	C1617	N01001A0010
J01160A0391	SMB	G7 (RG-316/U)	Gold (Standard)	crimp/crimp	Z24	C1616	N01001A0009
J01160A0398	SMB	G7 (RG-316/U)	Telealloy (white bronze)	crimp/crimp	Z24	C1616	N01001A0009
J01160A0399	SMB	G7 (RG-316/U)	Nickel	crimp/crimp	Z24	C1616	N01001A0009
J01160A0321	SMB	G8 (RD-316)	Gold (Standard)	crimp/crimp	Z24	C1620	N01001A0014
J01160A0328	SMB	G8 (RD-316)	Telealloy (white bronze)	crimp/crimp	Z24	C1620	N01001A0014



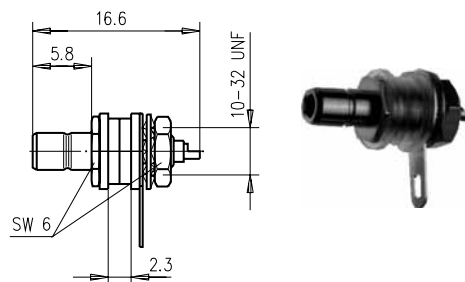
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01170A0151	SMC	G3 (RG-178B/U)	Gold (Standard)	crimp/crimp	Z24	C1617	N01001A0010

Bulkhead Receptacle, male
Einbaustecker

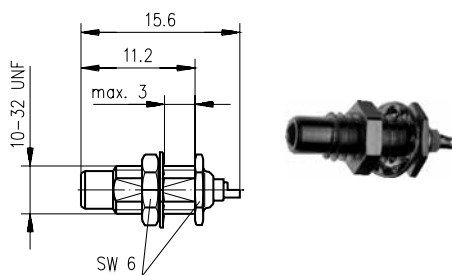
Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01160A0031	SMB	Gold (Standard)	rear mounting Einbau von hinten	Z24
J01160A0039	SMB	Nickel	rear mounting Einbau von hinten	Z24



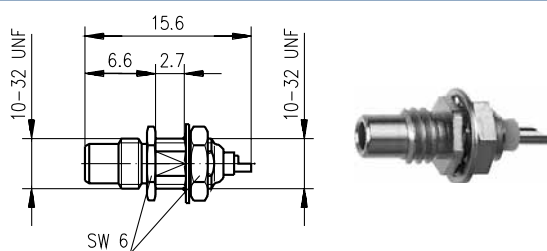
Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01160A0021	SMB	Gold (Standard)	front mounting Einbau von vorne	Z24
J01160A0029	SMB	Nickel	front mounting Einbau von vorne	Z24



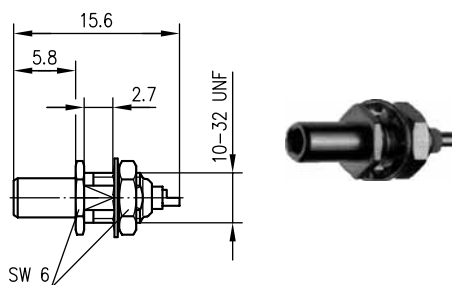
Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01160A0271	SMB	Gold (Standard)	front mounting with insulating washers Einbau von vorne mit Isolierscheiben	Z45
J01160A0279	SMB	Nickel	front mounting with insulating washers Einbau von vorne mit Isolierscheiben	Z45



Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01170A0011	SMC	Gold (Standard)	rear mounting Einbau von hinten	Z24
J01170A0019	SMC	Nickel	rear mounting Einbau von hinten	Z24

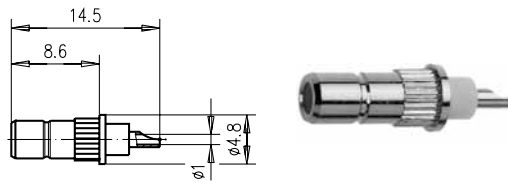


Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01170A0001	SMC	Gold (Standard)	front mounting Einbau von vorne	Z24
J01170A0009	SMC	Nickel	front mounting Einbau von vorne	Z24

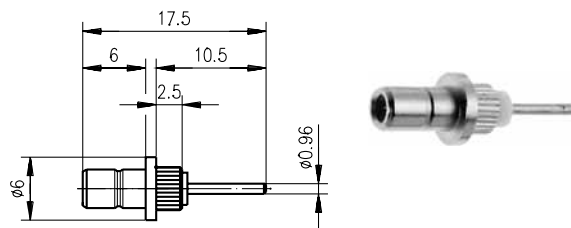


Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01180A0031	SMC	Gold (Standard)	front mounting Einbau von vorne	Z24
J01180A0039	SMC	Nickel	front mounting Einbau von vorne	Z24

8.6

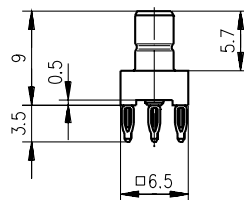
Press-In Bulkhead Receptacle, male
Einpressstecker

Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01160A0341	SMB	Gold (Standard)	rear mounting Einbau von hinten	Z44
J01160A0349	SMB	Nickel	rear mounting Einbau von hinten	Z44



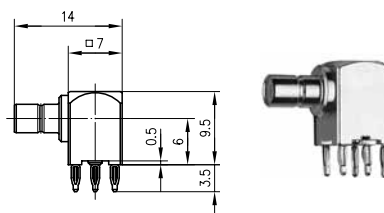
Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01160A0449	SMB	Nickel	front mounting Einbau von vorne	Z44

8.7

Straight Receptacle, male, for Printed Circuits in Press-In Technology
Stecker für gedruckte Schaltungen in Einpresstechnik

Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01160A0431	SMB	Gold (Standard)	Further technical information on request Weitere technische Informationen auf Anfrage	Z78

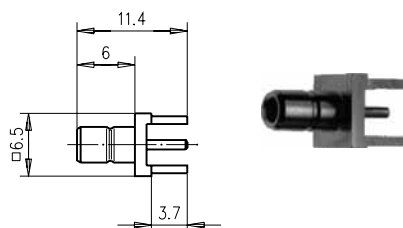
8.8

Angle Receptacle, male, for Printed Circuits in Press-In Technology
Winkelstecker für gedruckte Schaltungen in Einpresstechnik

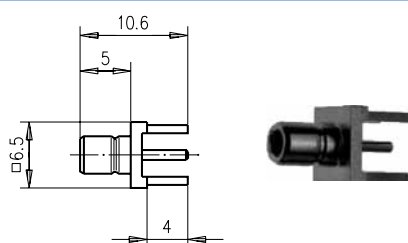
Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01160A0511	SMB	Gold (Standard)	Further technical information on request Weitere technische Informationen auf Anfrage	Z78

Receptacle, male, for Printed Circuits
Anbaustecker für gedruckte Schaltungen

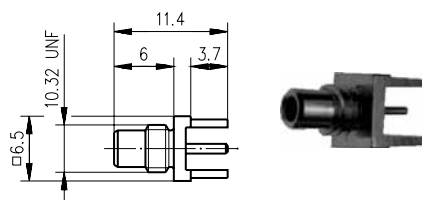
8.9



Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Mount. dim. Einbaumaß
J01160A0211	SMB	Gold (Standard)	Z25
J01160A0218	SMB	Telealloy (white bronze)	Z25



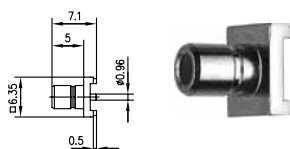
Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Mount. dim. Einbaumaß
J01160A0311	SMB	Gold (Standard)	Z25
J01160A0318	SMB	Telealloy (white bronze)	Z25



Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Mount. dim. Einbaumaß
J01170A0131	SMC	Gold (Standard)	Z25
J01170A0138	SMC	Telealloy (white bronze)	Z25

Straight PCB Receptacle, male, in SMT and Edge-Mount
Stecker in SMT und Edge-Mount

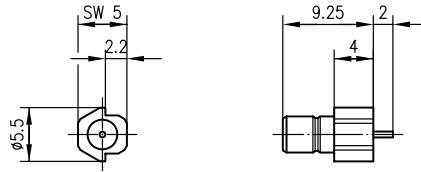
8.10



Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Mount. dim. Einbaumaß
J01160A0421	SMB	Gold (Standard)	Z72
J01160A0428	SMB	Telealloy (white bronze)	Z72

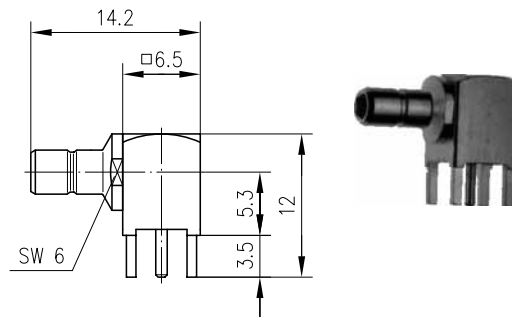
8.10

8.10

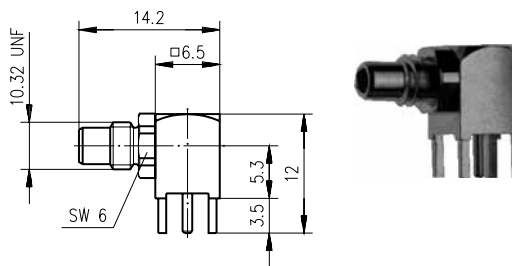
Straight PCB Receptacle, male, in SMT and Edge-Mount
Stecker in SMT und Edge-Mount

Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01160A0501	SMB	Gold (Standard)	Edge-Mount-Type	Z94

8.11

Angle Receptacle, male, for Printed Circuits
Winkelanbaustecker für gedruckte Schaltungen

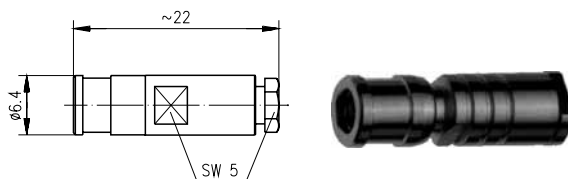
Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Mount. dim. Einbaumaß
J01160A0231	SMB	Gold (Standard)	Z25
J01160A0238	SMB	Telealloy (white bronze)	Z25



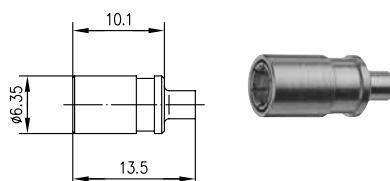
Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Mount. dim. Einbaumaß
J01170A0101	SMC	Gold (Standard)	Z25
J01170A0107	SMC	Type for printed circuits (tinned solder pins) Leiterplatten-Ausführung (verzinnter Lötanschluss)	Z25
J01170A0108	SMC	Telealloy (white bronze)	Z25

Straight Jack
Kabelbuchse

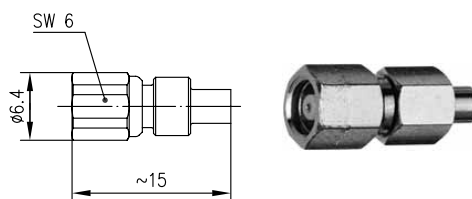
8.12



Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
J01161A0021	SMB	G3 (RG-178B/U)	Gold (Standard)	with pressure sleeve mit Stopfbuchsenverschraubung	C03
J01161A0029	SMB	G3 (RG-178B/U)	Nickel	with pressure sleeve mit Stopfbuchsenverschraubung	C03
J01161A0301	SMB	G7 (RG-316/U)	Gold (Standard)	with pressure sleeve mit Stopfbuchsenverschraubung	C03
J01161A0309	SMB	G7 (RG-316/U)	Nickel	with pressure sleeve mit Stopfbuchsenverschraubung	C03

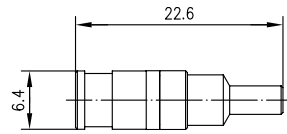


Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
J01161A0281	SMB	G11 (UT-85)	Gold (Standard)	solder/solder löt/löt	C25
J01161A0288	SMB	G11 (UT-85)	Telealloy (white bronze)	solder/solder löt/löt	C25
J01161A0321	SMB	G10 (UT-141)	Gold (Standard)	solder/solder löt/löt	C25
J01161A0328	SMB	G10 (UT-141)	Telealloy (white bronze)	solder/solder löt/löt	C25

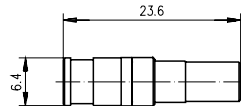


Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
J01171A0041	SMC	G11 (UT-85)	Gold (Standard)	crimp/solder crimp/löt	C06
J01171A0048	SMC	G11 (UT-85)	Telealloy (white bronze)	crimp/solder crimp/löt	C06
J01171A0051	SMC	G10 (UT-141)	Gold (Standard)	solder/solder löt/löt	C07
J01171A0058	SMC	G10 (UT-141)	Telealloy (white bronze)	solder/solder löt/löt	C07

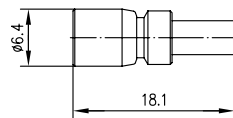
8.12

Straight Jack Crimp
Kabelbuchse Crimp

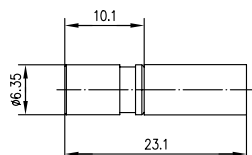
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01161A0331	SMB	G3 (RG-178B/U)	Gold (Standard)	solder/crimp löt/crimp	C1013	N01001A0010
J01161A0339	SMB	G3 (RG-178B/U)	Nickel	solder/crimp löt/crimp	C1013	N01001A0010
J01161A0341	SMB	G7 (RG-316/U)	Gold (Standard)	solder/crimp löt/crimp	C1003	N01001A0009
J01161A0349	SMB	G7 (RG-316/U)	Nickel	solder/crimp löt/crimp	C1003	N01001A0009
J01161A0351	SMB	G8 (RD-316)	Gold (Standard)	solder/crimp löt/crimp	C1014	N01001A0014
J01161A0359	SMB	G8 (RD-316)	Nickel	solder/crimp löt/crimp	C1014	N01001A0014



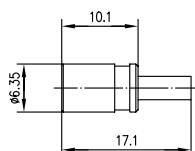
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Dimensions Abmessungen	Crimp die Crimpeinsatz
J01161A0471	SMB	G13 (0.4/2.5); 02YS (ST) CH 0.45/2.0-3.4 Leoni; 02Y (ST) CH 0.45/2.0-3.4 Bedea; 02Y (ST) CY 0.45/2.0-3.4 Siemens; NCX1 391300 0.53/2.45-3.6 Filotex	Gold (Standard)	solder/crimp löt/crimp	C1004	N01001L1274
J01161A0479	SMB	G13 (0.4/2.5); 02YS (ST) CH 0.45/2.0-3.4 Leoni; 02Y (ST) CH 0.45/2.0-3.4 Bedea; 02Y (ST) CY 0.45/2.0-3.4 Siemens; NCX1 391300 0.53/2.45-3.6 Filotex	Nickel	solder/crimp löt/crimp	C1004	N01001L1274



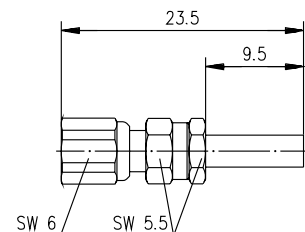
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01161A0651	SMB	G12 (0.315/1.95-3.7)	Gold (Standard)	solder/crimp löt/crimp	C1604	N01001L1274



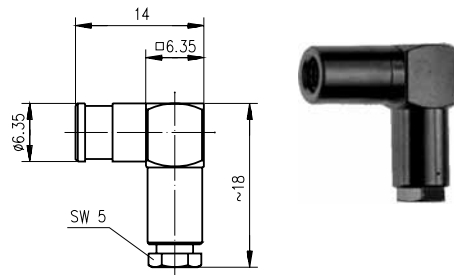
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01161A0391	SMB	G1 (RG-58C/U)	Gold (Standard)	crimp/crimp	C4127	N01001A0039
J01161A0398	SMB	G1 (RG-58C/U)	Tealloy (white bronze)	crimp/crimp	C4127	N01001A0039



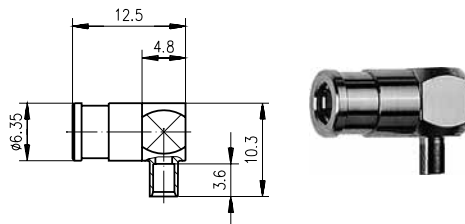
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01161A0291	SMB	G3 (RG-178B/U)	Gold (Standard)	crimp/crimp	C4117	N01001A0010
J01161A0298	SMB	G3 (RG-178B/U)	Tealloy (white bronze)	crimp/crimp	C4117	N01001A0010
J01161A0461	SMB	K 01252 D	Gold (Standard)	crimp/crimp	C4117	N01001A0010
J01161A0468	SMB	K 01252 D	Tealloy (white bronze)	crimp/crimp	C4117	N01001A0010
J01161A0691	SMB	G7 (RG-316/U)	Gold (Standard)	crimp/crimp	C4116	N01001A0009
J01161A0698	SMB	G7 (RG-316/U)	Tealloy (white bronze)	crimp/crimp	C4116	N01001A0009
J01161A0701	SMB	G8 (RD-316)	Gold (Standard)	crimp/crimp	C4120	N01001A0014
J01161A0708	SMB	G8 (RD-316)	Tealloy (white bronze)	crimp/crimp	C4120	N01001A0014



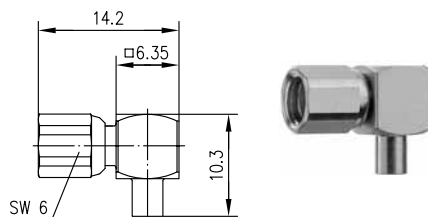
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01171A0001	SMC	G3 (RG-178B/U)	Gold (Standard)	solder/crimp löt/crimp	C1313	N01001A0010
J01171A0009	SMC	G3 (RG-178B/U)	Nickel	solder/crimp löt/crimp	C1313	N01001A0010
J01171A0011	SMC	G7 (RG-316/U)	Gold (Standard)	solder/crimp löt/crimp	C1303	N01001A0009
J01171A0019	SMC	G7 (RG-316/U)	Nickel	solder/crimp löt/crimp	C1303	N01001A0009
J01171A0021	SMC	G8 (RD-316)	Gold (Standard)	solder/crimp löt/crimp	C1314	N01001A0014
J01171A0029	SMC	G8 (RD-316)	Nickel	solder/crimp löt/crimp	C1314	N01001A0014

Angle Jack
Kabelwinkelbuchse

Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
J01161A0171	SMB	G3 (RG-178B/U)	Gold (Standard)	with pressure sleeve mit Stopfbuchsenverschraubung	C04
J01161A0179	SMB	G3 (RG-178B/U)	Nickel	with pressure sleeve mit Stopfbuchsenverschraubung	C04
J01161A0181	SMB	G7 (RG-316/U)	Gold (Standard)	with pressure sleeve mit Stopfbuchsenverschraubung	C04
J01161A0189	SMB	G7 (RG-316/U)	Nickel	with pressure sleeve mit Stopfbuchsenverschraubung	C04



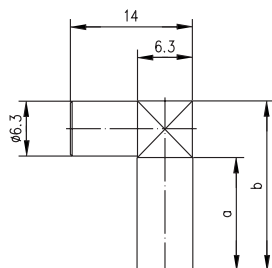
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
J01161A0061	SMB	G11 (UT-85)	Gold (Standard)	solder/solder löt/löt	C05
J01161A0068	SMB	G11 (UT-85)	Tealloy (white bronze)	solder/solder löt/löt	C05
J01161A0518	SMB	G10 (UT-141)	Tealloy (white bronze)	solder/solder löt/löt	C05



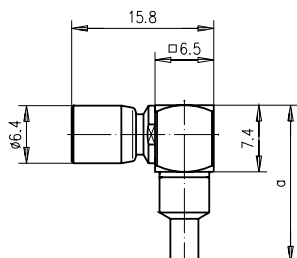
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
J01171A0171	SMC	G11 (UT-85)	Gold (Standard)	solder/solder löt/löt	C05
J01171A0178	SMC	G11 (UT-85)	Tealloy (white bronze)	solder/solder löt/löt	C05
J01171A0201	SMC	G10 (UT-141)	Gold (Standard)	solder/solder löt/löt	C05
J01171A0208	SMC	G10 (UT-141)	Tealloy (white bronze)	solder/solder löt/löt	C05

Angle Jack Crimp
Kabelwinkelbuchse Crimp

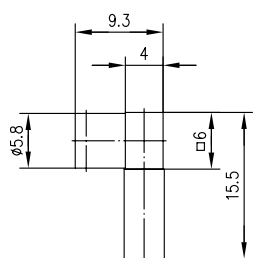
8.14



Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01161A0401	SMB	G3 (RG-178B/U)	Gold (Standard)	a=7, b=13.35	C3413	N01001A0010
J01161A0408	SMB	G3 (RG-178B/U)	Tealloy (white bronze)	a=7, b=13.35	C3413	N01001A0010
J01161A0411	SMB	K 01252 D	Gold (Standard)	a=7, b=13.35	C1113	N01001A0010
J01161A0418	SMB	K 01252 D	Tealloy (white bronze)	a=7, b=13.35	C1113	N01001A0010
J01161A0661	SMB	G7 (RG-316/U)	Gold (Standard)	a=7, b=13.5	C3403	N01001A0009
J01161A0668	SMB	G7 (RG-316/U)	Tealloy (white bronze)	a=7, b=13.5	C3403	N01001A0009
J01161A0431	SMB	G8 (RD-316)	Gold (Standard)	a=7, b=13.35	C1114	N01001A0014
J01161A0438	SMB	G8 (RD-316)	Tealloy (white bronze)	a=7, b=13.35	C1114	N01001A0014
J01161A0261	SMB	G1 (RG-58C/U)	Gold (Standard)	a=13, b=19.5	C1105	N01001A0005
J01161A0268	SMB	G1 (RG-58C/U)	Tealloy (white bronze)	a=13, b=19.5	C1105	N01001A0005
J01161A0271	SMB	G5 (RG-223/U)	Gold (Standard)	a=13.5, b=20	C1105	N01001A0005
J01161A0278	SMB	G5 (RG-223/U)	Tealloy (white bronze)	a=13.5, b=20	C1105	N01001A0005

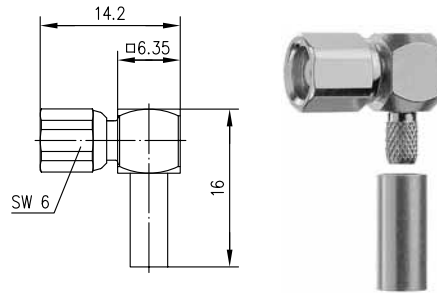


Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01161A0141	SMB	G3 (RG-178B/U)	Gold (Standard)	a=18.4	C1013	N01001A0010
J01161A0149	SMB	G3 (RG-178B/U)	Nickel	a=18.4	C1013	N01001A0010
J01161A0151	SMB	G7 (RG-316/U)	Gold (Standard)	a=18.4	C1003	N01001A0009
J01161A0159	SMB	G7 (RG-316/U)	Nickel	a=18.4	C1003	N01001A0009
J01161A0161	SMB	G8 (RD-316)	Gold (Standard)	a=18.4	C1014	N01001A0014
J01161A0169	SMB	G8 (RD-316)	Nickel	a=18.4	C1014	N01001A0014

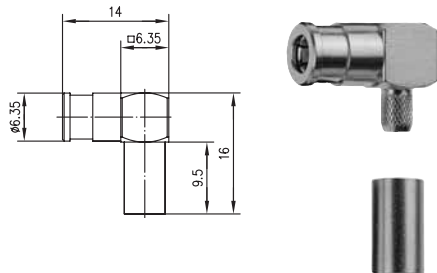


Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01161A0088	SMB	G8 (RD-316)	Tealloy (white bronze)	short type kurze Ausführung	C1114	N01001A0014

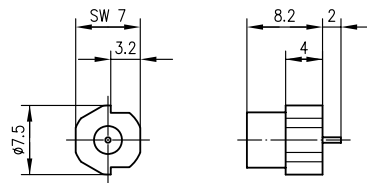
8.14

Angle Jack Crimp
Kabelwinkelbuchse Crimp

Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Assembly Montage	Crimp die Crimpeinsatz
J01171A0181	SMC	G7 (RG-316/U)	Gold (Standard)	C1203	N01001A0009
J01171A0188	SMC	G7 (RG-316/U)	Telealloy (white bronze)	C1203	N01001A0009
J01171A0191	SMC	G8 (RD-316)	Gold (Standard)	C1214	N01001A0014
J01171A0198	SMC	G8 (RD-316)	Telealloy (white bronze)	C1214	N01001A0014



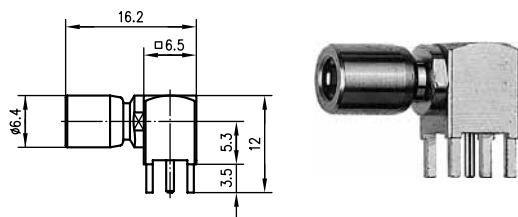
Order no. Bestell-Nr.	Series Serie	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
J01161A0681	SMB	G12 (0.315/1.95-3.7)	Gold (Standard)	solder/crimp löt/crimp	C1104

Straight PCB Receptacle, female, in SMT
Buchse in SMT

Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01161A0631	SMB	Gold (Standard)	Edge-Mount-Type	Z95

Angle PCB Receptacle, female
Winkelanbaubuchse für gedruckte Schaltungen

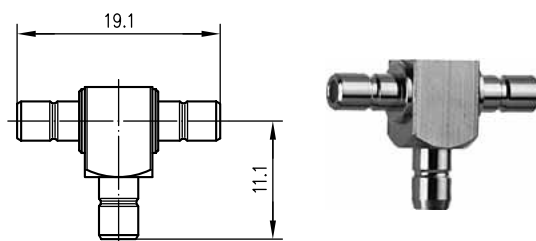
8.16



Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Mount. dim. Einbaumaß
J01161A0571	SMB	Gold (Standard)	Z25

T Adaptor
T-Stück

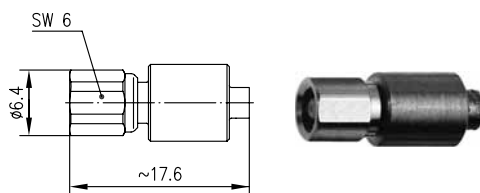
8.17



Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Remarks Anmerkungen
J01162A0001	SMB	Gold (Standard)	m-m-m Sti-Sti-Sti
J01162A0009	SMB	Nickel	m-m-m Sti-Sti-Sti

Termination, female
Abschlusswiderstand

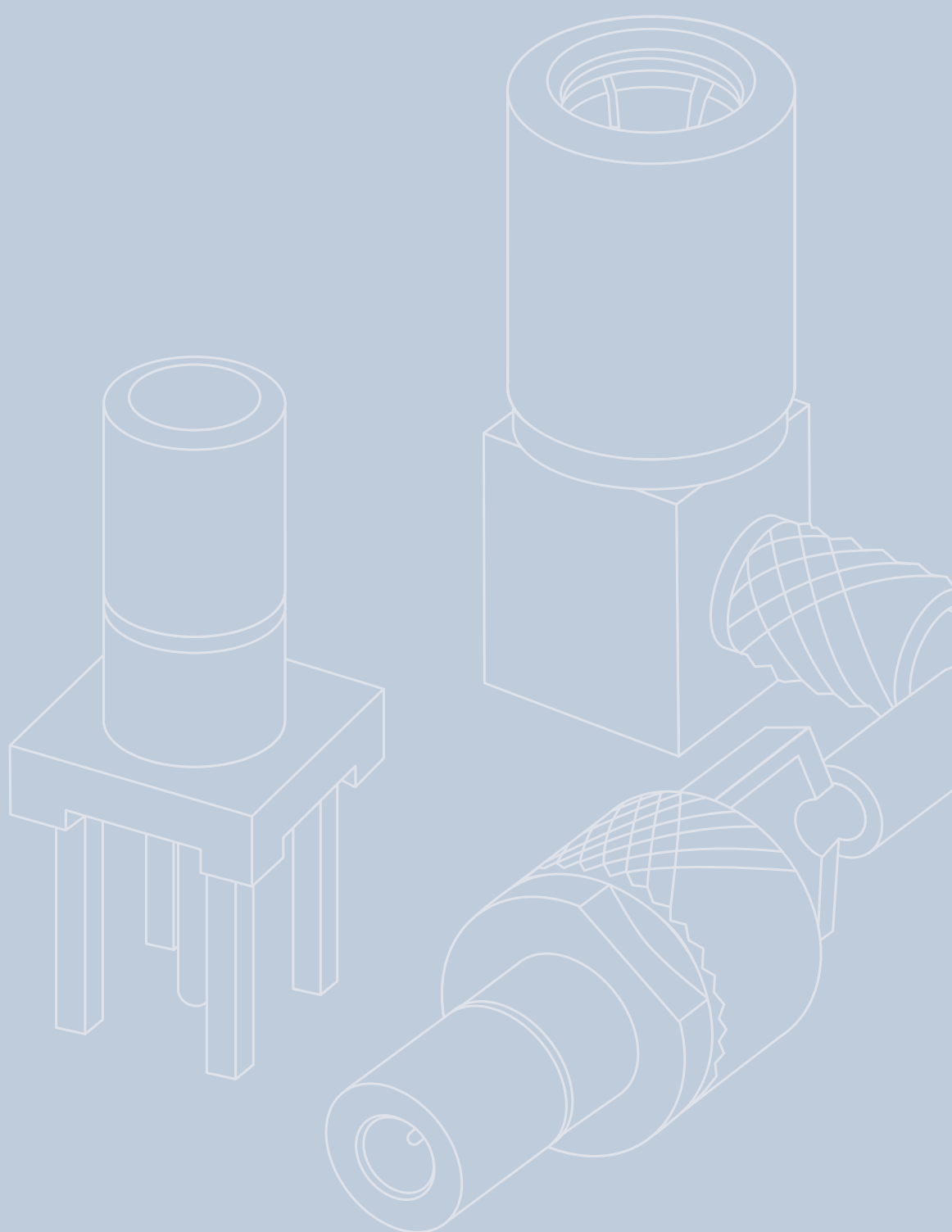
8.18



Order no. Bestell-Nr.	Series Serie	Finish Oberfläche	Remarks Anmerkungen
J01176A0001	SMC	Gold (Standard)	1 W; 34 dB; 2 GHz

9

SSMB
SSMB





SSMB SSMB

Contents

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The SSMB series of connectors utilizes a snap coupling and is suitable for applications up to a frequency of 3 GHz. The impedance is controlled at 50 ohm. Connector designs are available for flexible cables such as RG-316 and RG-178. Styles are available for mounting to printed circuit boards using through-hole soldered assembly. Solder and crimp techniques are used to terminate this series to the cables. Because of their small size, SSMB connectors have applications in small instruments and communications equipment.

Die Serie SSMB umfasst miniaturisierte SMB-Steckverbindungen mit Schnappverbindung. Diese Steckverbindungen können bis zu einer Frequenz von 3 GHz eingesetzt werden. Die SSMB Serie wird in der Ausführung mit 50 Ohm Wellenwiderstand angeboten. Steckverbindervarianten gibt es für flexible Kabel, wie z. B. RG-316 und RG-178. Die Leiterplattensteckverbinder der Serie SSMB sind als Löt- bzw. Einpresstypen erhältlich. Kabel werden durch Löten oder Crimpen angeschlossen. Die Steckverbinder der Serie SSMB werden in kleinen Mess- und Kommunikationsendgeräten eingesetzt.

Mechanical Characteristics

Durability (mating cycles): standard type	≥ 100	Lebensdauer (Steckungen): Standard-Ausführung
Durability (mating cycles): MIL type	≥ 500	Lebensdauer (Steckungen): MIL-Ausführung
Insertion force	max. 27 N	Steckkraft
Withdrawal force	min. 4.5 N	Ziehkraft
Material: Spring contacts	CuBe2	Werkstoff: Federnde Kontakteile
Material: Solid contact parts	CuZn39Pb3	Werkstoff: Nichtfedernde Kontakteile
Material: Crimp ferrule	Cu	Werkstoff: Crimprohr
Material: Serrated lock washer	CuSn6	Werkstoff: Fächerscheibe
Material: Insulators	PTFE	Werkstoff: Isolierteile
Finish: Inner conductor	Cu1Ni2Au1.27	Oberfläche: Innenleiter
Finish outer conductor: Gold plated (standard; last digit ...1)	Cu1Ni2Au0.8	Oberfläche Außenleiter: Gold beschichtet (Standard; Endziffer ...1)
Finish outer conductor: MIL gold plated (last digit ...2)	Cu1Ni2Au1.27	Oberfläche Außenleiter: MIL Gold beschichtet (Endziffer ...2)
Finish outer conductor: Type for printed circuits (last digit ...7)	SnPb8	Oberfläche Außenleiter: Leiterplatten-Ausführung (Endziffer ...7)
Finish outer conductor: Telealloy (white bronze) plated (last digit ...8)	CuSnZn3	Oberfläche Außenleiter: Telealloy beschichtet (Endziffer ...8)
Finish outer conductor: Nickel plated (last digit ...9)	Cu2Ni5	Oberfläche Außenleiter: Nickel beschichtet (Endziffer ...9)
Finish other metal parts: Gold plated (standard; last digit ...1)	Cu2Ni5Au0.2	Oberfläche sonstiger Metallteile: Gold beschichtet (Standard; Endziffer ...1)
Finish other metal parts: MIL gold plated (last digit ...2)	Cu1Ni2Au0.8	Oberfläche sonstiger Metallteile: MIL Gold beschichtet (Endziffer ...2)
Finish other metal parts: Nickel plated (last digit ...9)	Cu2Ni5	Oberfläche sonstiger Metallteile: Nickel beschichtet (Endziffer ...9)

Mechanische Eigenschaften

Climatic Characteristics

Climatic category acc. to IEC 68 - 1	55/155/21	Prüfklasse nach DIN IEC 68 Teil 1
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Thermische und klimatische Eigenschaften

Electrical Characteristics

Contact resistance inner conductor	≤ 5 mΩ	Durchgangswiderstand Innenleiter
Contact resistance outer conductor	≤ 2.5 mΩ	Durchgangswiderstand Außenleiter
Insulation resistance	≥ 1 GΩ	Isolationswiderstand
Voltage proof	500 V _{eff} /50 Hz	Spannungsfestigkeit
Working voltage	≤ 250 V _{eff} /50 Hz	Betriebsspannung
Impedance	50 Ω	Wellenwiderstand
Return loss: Straight style	≥ 20.0 dB / 1 GHz	Rückflussdämpfung: Gerade Ausführung
Return loss: Angle style	≥ 14.0 dB / 1 GHz	Rückflussdämpfung: Winkel Ausführung
Frequency range up to	3 GHz	Frequenzbereich bis

Elektrische Eigenschaften

Standards

IEC 60 169-19

Normen

IEC 60 169-19

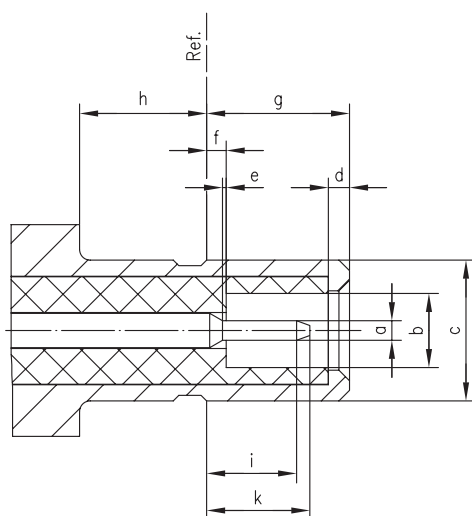
The Return Loss values shown above correspond to the IEC standard 60 169-19. In most cases, the RF connectors from Telegärtner fulfill or exceed these requirements. Depending on the design and cable type, however, particular connectors could deviate from the norm. The exact parameters of individual products are available upon request.

Die oben angeführten Rückflussdämpfungswerte entsprechen der IEC-Norm 60169-19. Die Telegärtner-Steckverbinder erfüllen oder übertreffen in den meisten Fällen diese Normwerte. Je nach Ausführung und Kabeltype können einzelne Steckverbinder jedoch abweichen. Die genauen Parameter der einzelnen Produkte sind auf Anfrage erhältlich.

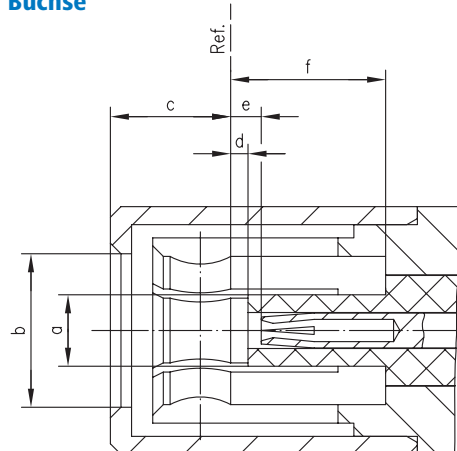
Types	Last digit	Endziffer	Ausführungen
Gold (Standard)	1		Gold (Standard)
MIL-gold	2		MIL-Gold
Type for printed circuits (tinned solder pins)	7		Leiterplatten-Ausführung (verzinnter Lötanschluss)
Telealloy (white bronze)	8		Telealloy
Nickel	9		Nickel

Versions with last digits 1, 8 and 9 are available as standard. Types with last digits 2 and 7 can be manufactured when a defined minimum quantity is ordered.

Als Standard werden die Typen mit den Endziffern 1, 8 und 9 angeboten. Die Typen mit den Endziffern 2 und 7 können auf Anfrage bei Einhaltung einer Mindestbestellmenge geliefert werden.

SSMB mating face
SSMB-SteckgesichtPlug
Stecker

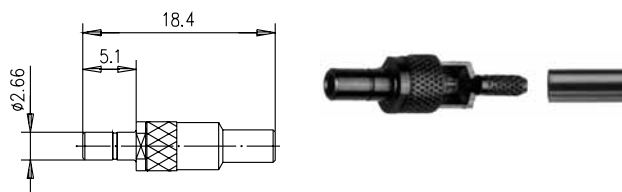
	[mm]		[inch]	
	min.	max.	min.	max.
a	0.36	0.38	0.014	0.015
b	1.37	-	0.054	-
c	-	2.69	-	0.106
d	0.00	0.51	0.00	0.020
e	0.00	-	0.00	-
f	-	0.56	-	0.022
g	-	2.77	-	0.109
h	2.30	-	0.091	-
i	1.78	-	0.070	-
k	-	2.44	-	0.096

Jack
Buchse

	[mm]		[inch]	
	min.	max.	min.	max.
a	-	1.35	-	0.053
b	2.74	-	0.108	-
c	-	2.26	-	0.089
d	0.53	-	0.021	-
e	0.53	0.89	0.021	0.035
f	2.74	-	0.108	-

SSMB Straight Plug Crimp
SSMB Kabelstecker Crimp

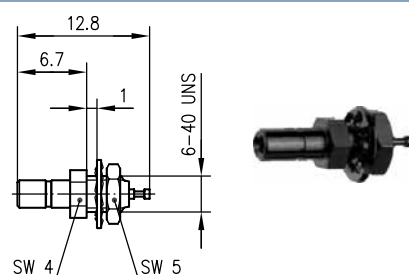
9.1



Order-Nr. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Assembly Montage	Crimp die Crimpeinsatz
J01190A0011	G3 (RG-178B/U)	Gold (Standard)	C2413	N01001A0010
J01190A0019	G3 (RG-178B/U)	Nickel	C2413	N01001A0010
J01190A0081	K 01252 D	Gold (Standard)	C2413	N01001A0010
J01190A0051	G7 (RG-316/U)	Gold (Standard)	C2403	N01001A0009
J01190A0059	G7 (RG-316/U)	Nickel	C2403	N01001A0009
J01190A0091	G8 (RD-316)	Gold (Standard)	C2414	N01001A0014

SSMB Bulkhead Receptacle, male
SSMB Einbaustecker

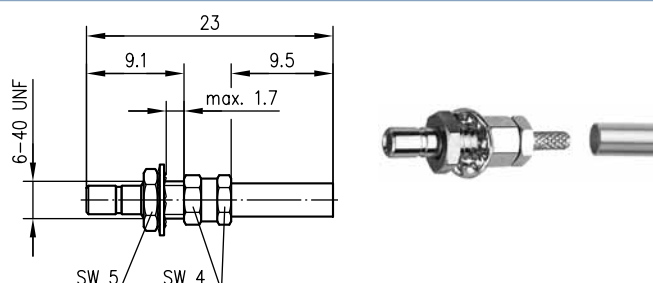
9.2



Order-Nr. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01190A0001	Gold (Standard)	front mounting Einbau von vorne	Z22
J01190A0009	Nickel	front mounting Einbau von vorne	Z22

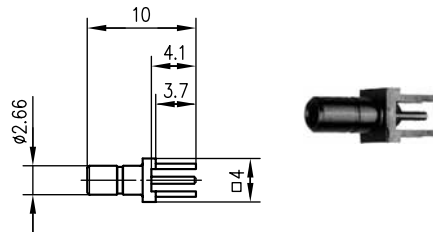
SSMB Bulkhead Plug Crimp
SSMB Kabeleinbaustecker Crimp

9.3



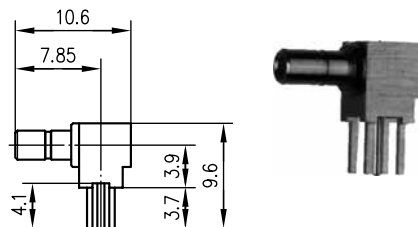
Order-Nr. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01190A0101	G3 (RG-178B/U)	Gold (Standard)	rear mounting Einbau von hinten	Z55	C3313	N01001A0010

9.4

SSMB PCB Receptacle, male
SSMB Anbaustecker für gedruckte Schaltungen

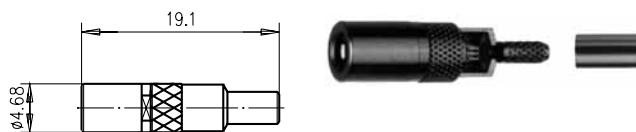
Order no.	Finish	Mount. dim.
Bestell-Nr.	Oberfläche	Einbaumaß
J01190A0031	Gold (Standard)	Z23
J01190A0038	Telealloy (white bronze)	Z23

9.5

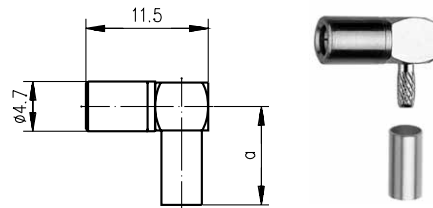
SSMB Angle PCB Receptacle, male
SSMB Winkelanbaustecker für gedruckte Schaltungen

Order no.	Finish	Mount. dim.
Bestell-Nr.	Oberfläche	Einbaumaß
J01190A0041	Gold (Standard)	Z23
J01190A0048	Telealloy (white bronze)	Z23

9.6

SSMB Straight Jack Crimp
SSMB Kabelbuchse Crimp

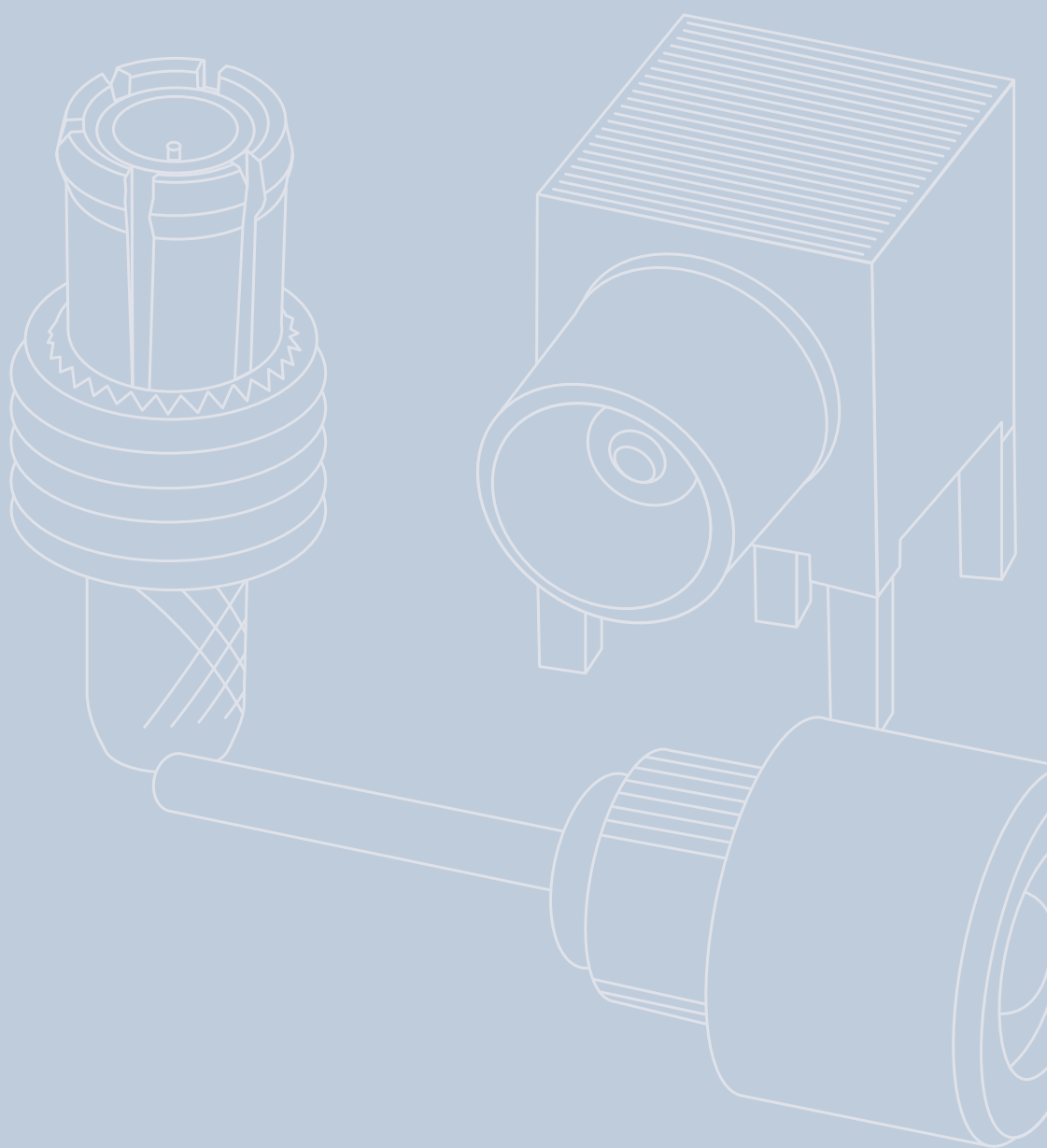
Order no.	Cable group; cable	Finish	Assembly	Crimp die
Bestell-Nr.	Kabelgruppe; Kabel	Oberfläche	Montage	Crimpeinsatz
J01191A0001	G3 (RG-178B/U)	Gold (Standard)	C2413	N01001A0010
J01191A0009	G3 (RG-178B/U)	Nickel	C2413	N01001A0010
J01191A0081	K 01252 D	Gold (Standard)	C2413	N01001A0010
J01191A0021	G7 (RG-316/U)	Gold (Standard)	C2403	N01001A0009
J01191A0029	G7 (RG-316/U)	Nickel	C2403	N01001A0009
J01191A0091	G8 (RD-316)	Gold (Standard)	C2414	N01001A0014



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01191A0041	G3 (RG-178B/U)	Gold (Standard)	a=9.3	C2513	N01001A0010
J01191A0049	G3 (RG-178B/U)	Nickel	a=9.3	C2513	N01001A0010
J01191A0061	G7 (RG-316/U)	Gold (Standard)	a=7.8	C2503	N01001A0009
J01191A0069	G7 (RG-316/U)	Nickel	a=7.8	C2503	N01001A0009

10

MCX
MCX





MCX MCX

Contents

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10.2	MCX Straight Plug Crimp	203
10.3	MCX Angle Plug	203
10.4	MCX Angle Plug Crimp	204
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10.8	MCX Angle PCB Receptacle, female, in SMT	205
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10.11	MCX Press-In Receptacle, female, for Printed Circuits in Press-In Technology	206
10.12	MCX PCB Receptacle, female, in SMT	206
10.13	MCX Press-In Bulkhead Receptacle, female, with Solder Pin	207

Übersicht

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10.5	MCX- Anbaustecker für gedruckte Schaltungen	204
10.6	MCX- Kabelbuchse Crimp	204
10.7	MCX- Einbaubuchse	205
10.8	MCX- Winkelbuchse in SMT	205
10.9	MCX- Anbaubuchse für gedruckte Schaltungen	205
10.10	MCX- Winkelanbaubuchse für gedruckte Schaltungen	206
10.11	MCX- Buchse für gedruckte Schaltungen in Einpresstechnik	206
10.12	MCX- Buchse für gedruckte Schaltungen in SMT	206
10.13	MCX- Einpressbuchse mit Lötstift	207

The MCX series of miniature connectors utilizes a snap coupling and is suitable for use up to 6 GHz. The impedance is controlled at 50 ohm. Connector designs are available for flexible, conformable and semi-rigid cables. Styles are available for mounting to printed circuit boards using through-hole soldering, press-fit and surface mount technology (SMD). Solder and crimp techniques are used to terminate this series to cables. Because of their small size, these connectors have applications in small instruments and communications equipment.

Die Serie MCX umfasst kleine HF-Steckverbindungen mit Schnappverbindung. Diese Steckverbindungen können bis zu einer Frequenz von 6 GHz eingesetzt werden. Die Serie MCX wird in der Ausführung mit 50 Ohm Wellenwiderstand angeboten. Steckverbindervarianten gibt es für flexible, Semi-Flex- und Semi-Rigid-Kabel. Die Leiterplattensteckverbinder der Serie MCX sind als Löt- bzw. Einpresstypen erhältlich. Kabel werden durch Löten oder Crimpen angeschlossen. Die Steckverbinder der Serie MCX werden aufgrund ihrer geringen Baugröße in kleinen Messgeräten und Kommunikationsendgeräten eingesetzt.

Mechanical Characteristics

Durability (mating cycles): standard type	≥ 100	Lebensdauer (Steckungen): Standard-Ausführung
Durability (mating cycles): MIL type	≥ 500	Lebensdauer (Steckungen): MIL-Ausführung
Insertion/Withdrawal force	14 N typ.	Steckkraft/Ziehkraft
Material: Spring contacts	CuBe2	Werkstoff: Federnde Kontakteile
Material: Solid contact parts	CuZn39Pb3	Werkstoff: Nichtfedernde Kontakteile
Material: Crimp ferrule	Cu	Werkstoff: Crimprohr
Material: Serrated lock washer	CuSn6	Werkstoff: Fächerscheibe
Material: Insulators	PTFE	Werkstoff: Isolierteile
Finish: Inner conductor	Cu1Ni2Au1.27	Oberfläche: Innenleiter
Finish outer conductor: Gold plated (standard; last digit ...1)	Cu1Ni2Au0.8	Oberfläche Außenleiter: Gold beschichtet (Standard; Endziffer ...1)
Finish outer conductor: MIL gold plated (last digit ...2)	Cu1Ni2Au1.27	Oberfläche Außenleiter: MIL Gold beschichtet (Endziffer ...2)
Finish outer conductor: Type for printed circuits (last digit ...7)	SnPb8	Oberfläche Außenleiter: Leiterplatten-Ausführung (Endziffer ...7)
Finish outer conductor: Telealloy (white bronze) plated (last digit ...8)	CuSnZn3	Oberfläche Außenleiter: Telealloy beschichtet (Endziffer ...8)
Finish outer conductor: Nickel plated (last digit ...9)	Cu2Ni5	Oberfläche Außenleiter: Nickel beschichtet (Endziffer ...9)
Finish other metal parts: Gold plated (standard; last digit ...1)	Cu2Ni5Au0.2	Oberfläche sonstiger Metallteile: Gold beschichtet (Standard; Endziffer ...1)
Finish other metal parts: MIL gold plated (last digit ...2)	Cu1Ni2Au0.8	Oberfläche sonstiger Metallteile: MIL Gold beschichtet (Endziffer ...2)
Finish other metal parts: Nickel plated (last digit ...9)	Cu2Ni5	Oberfläche sonstiger Metallteile: Nickel beschichtet (Endziffer ...9)

Mechanische Eigenschaften

Climatic Characteristics

Climatic category acc. to IEC 68 - 1	55/155/21	Prüfklasse nach DIN IEC 68 Teil 1
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Thermische und klimatische Eigenschaften

Electrical Characteristics

Contact resistance inner conductor	≤ 5 mΩ	Durchgangswiderstand Innenleiter
Contact resistance outer conductor	≤ 2.5 mΩ	Durchgangswiderstand Außenleiter
Insulation resistance	1 GΩ	Isolationswiderstand
Voltage proof	750 V _{eff} / 50 Hz	Spannungsfestigkeit
Impedance	50 Ω	Wellenwiderstand
Return loss: Straight style	≥ 20.0 dB / 1 GHz	Rückflussdämpfung: Gerade Ausführung
Return loss: Angle style	≥ 14.0 dB / 1 GHz	Rückflussdämpfung: Winkel Ausführung
Frequency range up to	6 GHz (CECC 22220)	Frequenzbereich bis

Elektrische Eigenschaften

Standards

IEC 60 169-36

Normen

IEC 60 169-36

The Return Loss values shown above correspond to the IEC standard 60 169-36. In most cases, the RF connectors from Telegärtner fulfill or exceed these requirements. Depending on the design and cable type, however, particular connectors could deviate from the norm. The exact parameters are available on request.

Die oben angeführten Rückflussdämpfungswerte entsprechen der IEC-Norm 60 169-36. Die Telegärtner-Steckverbinder erfüllen oder übertreffen in den meisten Fällen diese Normwerte. Je nach Ausführung und Kabeltype können einzelne Steckverbinder jedoch abweichen. Die genauen Parameter der einzelnen Produkte sind auf Anfrage erhältlich.

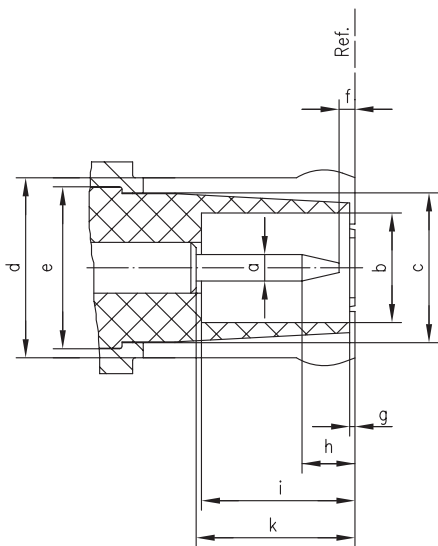
Types	Last digit	Endziffer	Ausführungen
Gold (Standard)	1		Gold (Standard)
MIL-gold	2		MIL-Gold
Type for printed circuits (tinned solder pins)	7		Leiterplatten-Ausführung (verzinnter Lötanschluss)
Telealloy (white bronze)	8		Telealloy
Nickel	9		Nickel

Versions with last digits 1, 8 and 9 are available as standard. Types with last digits 2 and 7 can be manufactured when a defined minimum quantity is ordered.

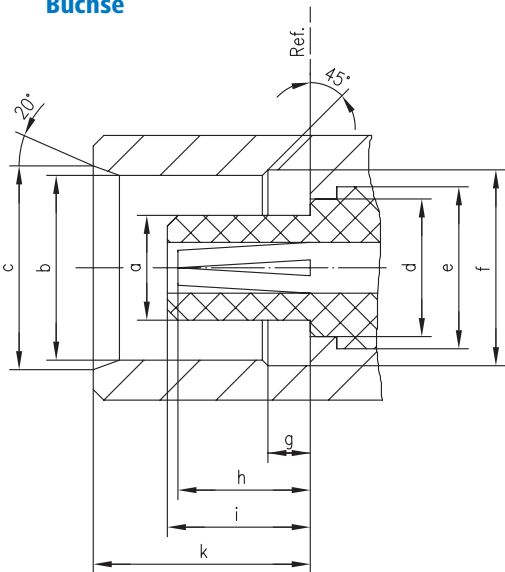
Als Standard werden die Typen mit den Endziffern 1, 8 und 9 angeboten. Die Typen mit den Endziffern 2 und 7 können auf Anfrage bei Einhaltung einer Mindestbestellmenge geliefert werden.

MCX Mating Face MCX- Steckgesicht

Plug
Stecker

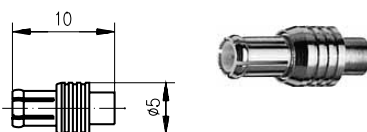


Jack
Buchse

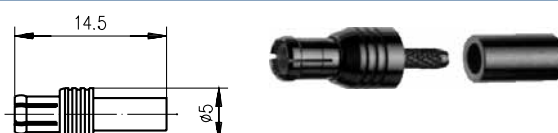


	[mm]		[inch]	
	min.	max.	min.	max.
a	0.48	0.53	0.019	0.021
b	2.00	-	0.079	-
c	-	3.00	-	0.118
d	-	3.40	-	0.134
e	3.05	3.05	0.1201	0.1201
f	0.15	-	0.006	-
g	0.00	0.30	0.00	0.012
h	-	1.20	-	0.047
i	2.80	-	0.110	-
k	2.80	3.20	0.110	0.126

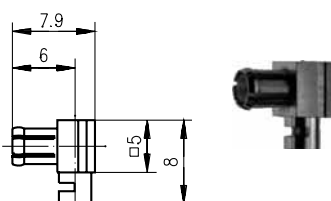
	[mm]		[inch]	
	min.	max.	min.	max.
a	-	1.98	-	0.078
b	3.42	3.48	0.135	0.137
c	3.80	-	0.150	-
d	-	3.00	-	0.118
e	3.05	3.05	0.1201	0.1201
f	3.60	3.75	0.142	0.148
g	0.75	0.85	0.030	0.033
h	2.30	2.80	0.091	0.110
i	2.60	2.80	0.102	0.110
k	4.00	4.12	0.157	0.162
		4.12		

**MCX Straight Plug
MCX-Kabelstecker**
10.1


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
J01270A0141	G11 (UT-85)	Gold (Standard)	crimp/solder crimp/löt	C12
J01270A0148	G11 (UT-85)	Telealloy (white bronze)	crimp/solder crimp/löt	C12
J01270A0261	G10 (UT-141)	Gold (Standard)	crimp/solder crimp/löt	C12
J01270A0268	G10 (UT-141)	Telealloy (white bronze)	crimp/solder crimp/löt	C12

**MCX Straight Plug Crimp
MCX-Kabelstecker Crimp**
10.2


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01270A0151	G3 (RG-178B/U)	Gold (Standard)	crimp/crimp	C2117	N01001A0010
J01270A0159	G3 (RG-178B/U)	Nickel	crimp/crimp	C2117	N01001A0010
J01270A0181	K 01252 d	Gold (Standard)	crimp/crimp	C2117	N01001A0010
J01270A0189	K 01252 d	Nickel	crimp/crimp	C2117	N01001A0010
J01270A0161	G7 (RG-316/U)	Gold (Standard)	crimp/crimp	C2116	N01001A0009
J01270A0168	G7 (RG-316/U)	Telealloy (white bronze)	crimp/crimp	C2116	N01001A0009
J01270A0171	G8 (RD-316)	Gold (Standard)	crimp/crimp	C2120	N01001A0014
J01270A0178	G8 (RD-316)	Telealloy (white bronze)	crimp/crimp	C2120	N01001A0014

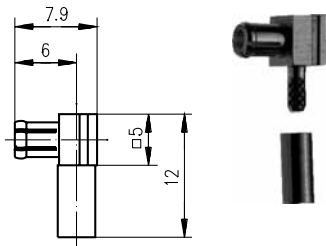
**MCX Angle Plug
MCX-Kabelwinkelstecker**
10.3


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
J01270A0281	G34 (UT-47)	Gold (Standard)	solder/solder löt/löt	C11
J01270A0191	G11 (UT-85)	Gold (Standard)	solder/solder löt/löt	C11
J01270A0198	G11 (UT-85)	Telealloy (white bronze)	solder/solder löt/löt	C11

10.4

MCX Angle Plug Crimp

MCX- Kabelwinkelstecker Crimp

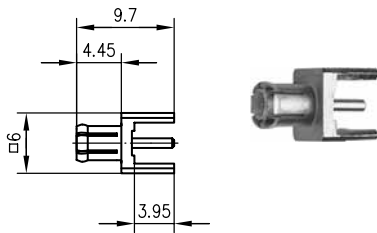


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Assembly Montage	Crimp die Crimpeinsatz
J01270A0201	G3 (RG-178B/U)	Gold (Standard)	C2213	N01001A0010
J01270A0209	G3 (RG-178B/U)	Nickel	C2213	N01001A0010
J01270A0231	K 01252 d	Gold (Standard)	C2213	N01001A0010
J01270A0239	K 01252 d	Nickel	C2213	N01001A0010
J01270A0211	G7 (RG-316/U)	Gold (Standard)	C2203	N01001A0009
J01270A0218	G7 (RG-316/U)	Tealloy (white bronze)	C2203	N01001A0009
J01270A0221	G8 (RD-316)	Gold (Standard)	C2214	N01001A0014
J01270A0228	G8 (RD-316)	Tealloy (white bronze)	C2214	N01001A0014

10.5

MCX Receptacle, male, for Printed Circuits

MCX- Anbaustecker für gedruckte Schaltungen

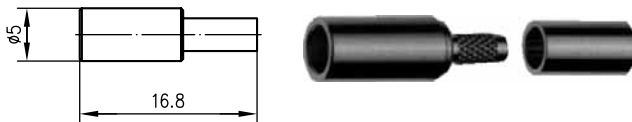


Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01270A0291	Gold (Standard)	Z25

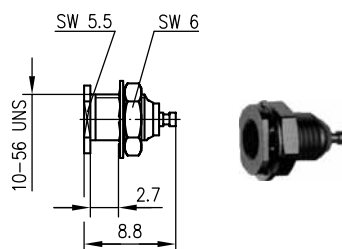
10.6

MCX Straight Jack Crimp

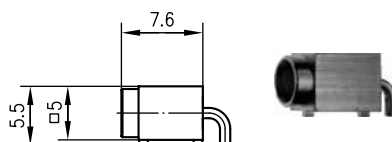
MCX- Kabelbuchse Crimp



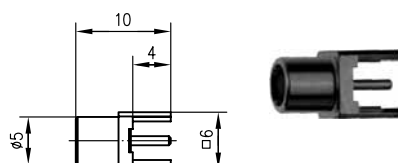
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Assembly Montage	Crimp die Crimpeinsatz
J01271A0001	G3 (RG-178B/U)	Gold (Standard)	C2317	N01001A0010
J01271A0009	G3 (RG-178B/U)	Nickel	C2317	N01001A0010
J01271A0011	G7 (RG-316/U)	Gold (Standard)	C2316	N01001A0009
J01271A0019	G7 (RG-316/U)	Nickel	C2316	N01001A0009
J01271A0181	G8 (RD-316)	Gold (Standard)	C2320	N01001A0014

MCX Bulkhead Receptacle, female
MCX-Einbaubuchse
10.7


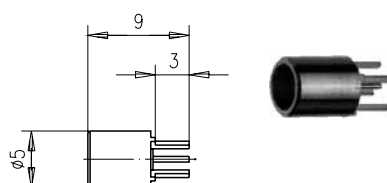
Order no. Bestell-Nr.	Finish Oberfläche	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01271A0101	Gold (Standard)	front mounting Einbau von vorne	Z24
J01271A0109	Nickel	front mounting Einbau von vorne	Z24

MCX Angle PCB Receptacle, female, in SMT
MCX-Winkelbuchse in SMT
10.8


Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01271A0151	Gold (Standard)	Z35
J01271A0158	Tealloy (white bronze)	Z35

MCX PCB Receptacle, female
MCX-Anbaubuchse für gedruckte Schaltungen
10.9


Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01271A0131	Gold (Standard)	Z25
J01271A0138	Tealloy (white bronze)	Z25

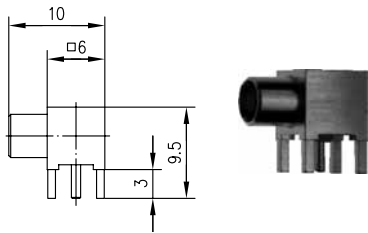


Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01271A0141	Gold (Standard)	Z23
J01271A0148	Tealloy (white bronze)	-

10.10

MCX Angle PCB Receptacle, female

MCX-Winkelanbaubuchse für gedruckte Schaltungen

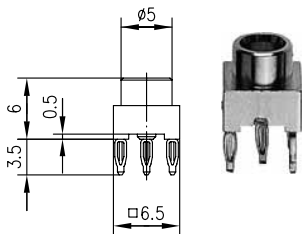


Order no.	Finish	Mount. dim.
Bestell-Nr.	Oberfläche	Einbaumaß
J01271A0161	Gold (Standard)	Z25
J01271A0168	Telealloy (white bronze)	Z25

10.11

MCX Press-In Receptacle, female, for Printed Circuits in Press-In Technology

MCX-Buchse für gedruckte Schaltungen in Einpresstechnik

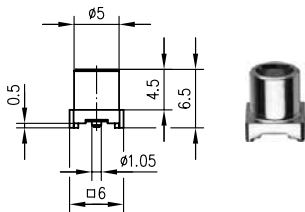


Order no.	Finish	Remarks	Mount. dim.
Bestell-Nr.	Oberfläche	Anmerkungen	Einbaumaß
J01271A0041	Gold (Standard)	technical data on request Technische Daten auf Anfrage	Z78

10.12

MCX PCB Receptacle, female, in SMT

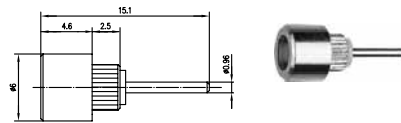
MCX-Buchse für gedruckte Schaltungen in SMT



Order no.	Finish	Remarks	Mount. dim.
Bestell-Nr.	Oberfläche	Anmerkungen	Einbaumaß
J01271A0031	Gold (Standard)	technical data on request Technische Daten auf Anfrage	Z72
J01271A0038	Telealloy (white bronze)	technical data on request Technische Daten auf Anfrage	Z72
J01271C0031	Gold (Standard)	tape and reel packed; 850 pcs on one reel acc. to DIN IEC 286-3 gegurtert; max. 850 Stk. auf einer Rolle nach DIN IEC 286	Z72

MCX Press-In Bulkhead Receptacle, female, with Solder Pin
MCX-Einpressbuchse mit Lötstift

10.13



Order no. Bestell-Nr.	Finish Oberfläche	Mount. dim. Einbaumaß
J01271A0211	Gold (Standard)	Z44
J01271A0218	Tealloy (white bronze)	Z44
J01271A0219	Nickel	Z44

11

MMCX
MMCX





MMCX

MMCX

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The MMCX series of micro-miniature connectors is a smaller version of the MCX and also utilizes a snap coupling. They are suitable for use up to 6 GHz. The impedance is controlled at 50 ohm. Connector design are available for flexible, conformable and semi-rigid cables. Styles are available for mounting to printed circuit boards using through-hole soldering, press-fit and surface mount technology (SMT). Solder and crimp techniques are used to terminate this series to cables. Because of their small size, these connectors can be used in the smallest of instruments as well as personal communication equipment.

Die Serie MMCX umfasst miniaturisierte MCX-Steckverbindungen mit Schnappverbindung. Diese Steckverbindungen können bis zu einer Frequenz von 6 GHz eingesetzt werden. Der Wellenwiderstand beträgt 50 Ohm. Steckverbindervarianten gibt es für flexible, Semi-Flex- und Semi-Rigid-Kabel. Die Leiterplattensteckverbinder der Serie MMCX sind als Löt- bzw. Einpresstypen erhältlich. Kabel werden durch Löten oder Crimpen angeschlossen. Die Steckverbinder der Serie MMCX werden aufgrund ihrer sehr geringen Baugröße in kleinsten Mess- und Kommunikationsendgeräten eingesetzt.

Mechanical Characteristics

Durability (mating cycles)	≥ 500	Lebensdauer (Steckungen)
Insertion force	≤ 18 N	Steckkraft
Withdrawal force	6 - 18 N	Ziehkraft
Material: Spring contacts	CuBe2	Werkstoff: Federnde Kontakteile
Material: Outer conductor	CuZn39Pb3	Werkstoff: Außenleiter
Material: Other metal parts	CuZn39Pb3	Werkstoff: Sonstige Metallteile
Material: Insulators	PTFE	Werkstoff: Isolierteile
Finish: Inner conductor	Ni2Au1.27	Oberfläche: Innenleiter
Finish: Outer conductor	Ni2Au0.8	Oberfläche: Außenleiter
Finish: Other metal parts	Ni5Au0.2	Oberfläche: Sonstige Metallteile

Mechanische Eigenschaften

Climatic Characteristics

Climatic category acc. to IEC 68 - 1	55/155/21	Prüfklasse nach DIN IEC 68 Teil 1
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Thermische und klimatische Eigenschaften

Electrical Characteristics

Contact resistance inner conductor	≤ 5 mΩ	Durchgangswiderstand Innenleiter
Contact resistance outer conductor	≥ 2.5 mΩ	Durchgangswiderstand Außenleiter
Insulation resistance	≥ 1 GΩ	Isolationswiderstand
Impedance	50 Ω	Wellenwiderstand
Return loss: Straight style	≥ 20 dB/6 GHz	Rückflussdämpfung: Gerade Ausführung
Return loss: Angle style	≥ 16.5 dB/6 GHz	Rückflussdämpfung: Winkel Ausführung
Proof voltage	500 V/50 Hz	Prüfspannung
Working voltage	170 V _{eff} /50 Hz	Betriebsspannung
Frequency range up to	6 GHz	Frequenzbereich bis

Elektrische Eigenschaften

Standards

EN 122340

Normen

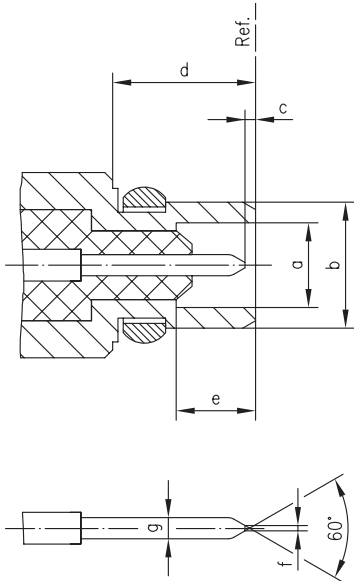
EN 122340

The Return Loss values shown above correspond to the standard EN-122340. In most cases, the RF connectors from Telegärtner fulfill or exceed these requirements. Depending on the design and cable type, however, particular connectors could deviate from the norm. The exact parameters of individual products are available upon request.

Die oben angeführten Rückflussdämpfungswerte entsprechen der Norm EN-122340. Die Telegärtner-Steckverbinder erfüllen oder übertreffen in den meisten Fällen diese Normwerte. Je nach Ausführung und Kabeltype können einzelne Steckverbinder jedoch abweichen. Die genauen Parameter der einzelnen Produkte sind auf Anfrage erhältlich.

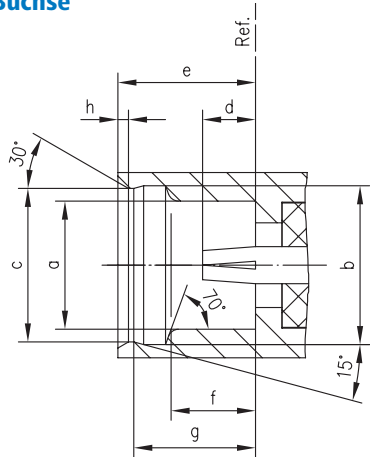
MMCX Mating Face MMCX- Steckgesicht

Plug
Stecker

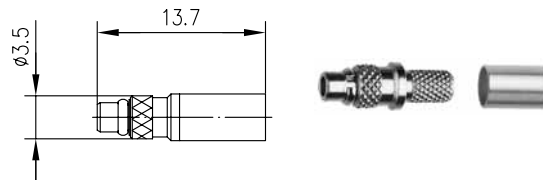


	[mm]		[inch]	
	min.	max.	min.	max.
a	1.58	1.62	0.0622	0.0638
b	-	2.40	-	0.0945
c	0.00	0.25	0.00	0.0098
d	2.70	-	0.1063	-
e	1.45	-	0.0571	-
f	-	0.20	-	0.0079
g	0.38	0.42	0.0150	0.0165

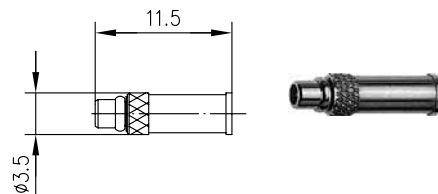
Jack
Buchse



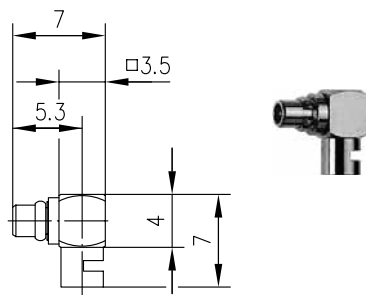
	[mm]		[inch]	
	min.	max.	min.	max.
a	2.41	-	0.0949	-
b	3.00	3.04	0.1181	0.1197
c	2.88	2.90	0.1134	0.1142
d	0.90	1.20	0.0354	0.0472
e	2.60	-	0.1024	-
f	1.57	1.63	0.0618	0.0642
g	2.30	2.34	0.0906	0.0921
h	-	0.23	-	0.0091

MMCX Straight Plug Crimp
MMCX- Kabelstecker Crimp
11.1


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01340A0141	G7 (RG- 316/U)	crimp/crimp	C3216	N01001A0009
J01340A0151	G8 (RD-316)	crimp/crimp	C3214	N01001A0014



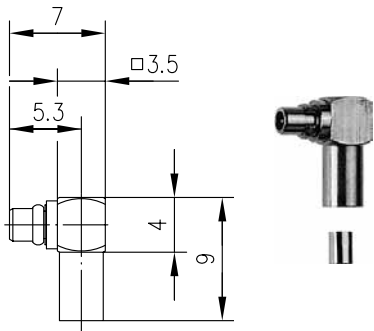
Order-Nr. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01340A0001	G3 (RG-178B/U)	crimp/crimp	C2822	N01001A0018
J01340A0031	G11 (UT-85)	crimp/solder crimp/löt	C20	N01001A0010

MMCX Angle Plug
MMCX- Kabelwinkelstecker
11.2


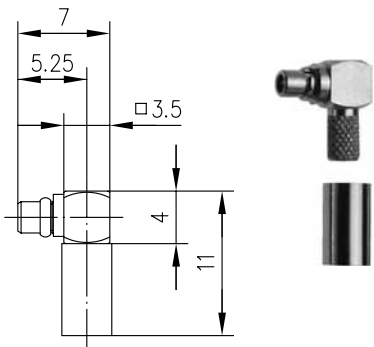
Order-Nr. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01340A0061	G34 (UT-47)	solder/solder löt/löt	C21
J01340A0021	G11 (UT-85)	solder/solder löt/löt	C21
J01340A0161	G43 (0.24/0.68); FCCA3 Nissei	solder/solder löt/löt	C23
J01340A0131	G3 (RG-178B/U)	solder/solder löt/löt	C23

11.3

MMCX Angle Plug Crimp
MMCX-Kabelwinkelstecker Crimp



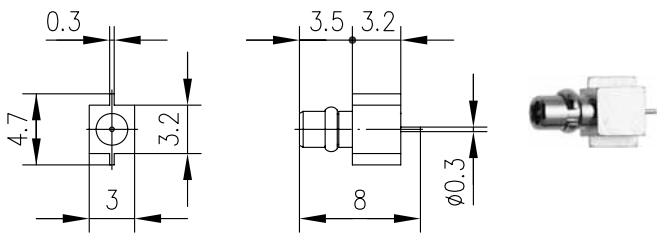
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01340A0011	G3 (RG-178B/U)	solder/crimp löt/crimp	C2922	N01001A0018



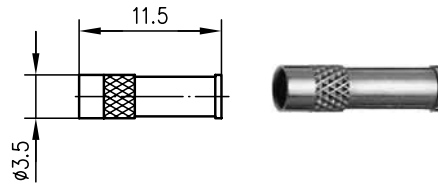
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01340A0121	G3 (RG-178B/U)	solder/crimp löt/crimp	C3117	N01001A0010
J01340A0071	K01252D	solder/crimp löt/crimp	C3117	N01001A0010
J01340A0051	G7 (RG-316/U)	solder/crimp löt/crimp	C3116	N01001A0009
J01340A0111	G8 (RD-316)	solder/crimp löt/crimp	C3114	N01001A0014

11.4

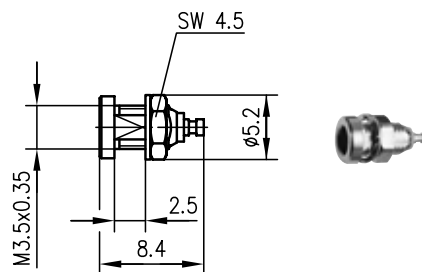
MMCX PCB Receptacle, male, in SMT
MMCX-Stecker in SMT



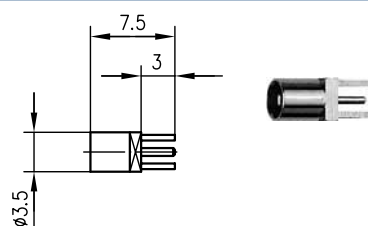
Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01340A0041	Edge-Mount-Type	Z84

**MMCX Straight Jack
MMCX-Kabelbuchse**
11.5


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Assembly Montage	Crimp die Crimpeinsatz
J01341A0051	G3 (RG-178B/U); AA-8580	C2822	N01001A0018

**MMCX Bulkhead Receptacle, female
MMCX-Einbaubuchse**
11.6


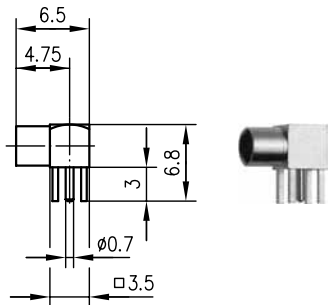
Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01341A0041	front mounting Einbau von vorne	Z22

**MMCX PCB Receptacle, female
MMCX-Anbaubuchse für gedruckte Schaltungen**
11.7


Order no. Bestell-Nr.	Mount. dim. Einbaumaß
J01341A0021	Z23

11.8

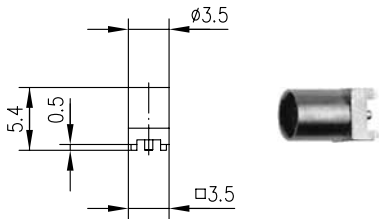
MMCX Angle PCB Receptacle, female
MMCX-Winkelbuchse für gedruckte Schaltungen



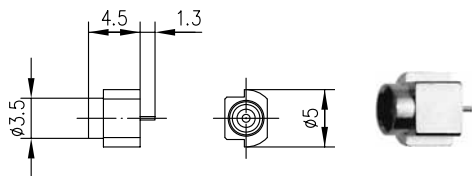
Order no.	Mount. dim.
Bestell-Nr.	Einbaumaß
J01341A0031	Z23

11.9

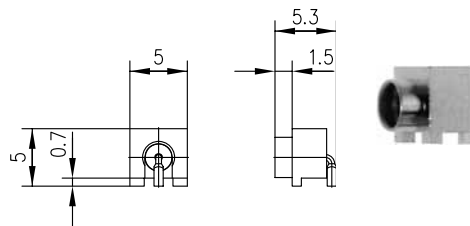
MMCX PCB Receptacle, female, in SMT
MMCX-Buchse in SMT



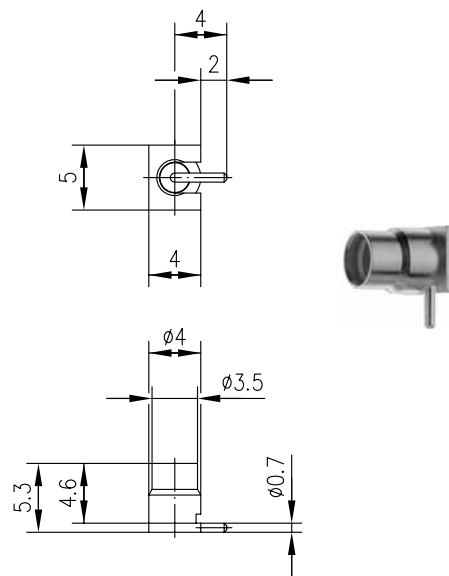
Order no.	Mount. dim.
Bestell-Nr.	Einbaumaß
J01341A0091	Z90



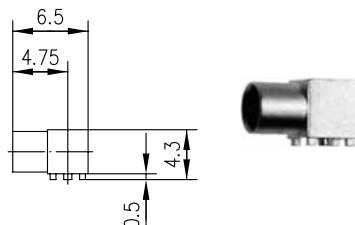
Order no.	Remarks	Mount. dim.
Bestell-Nr.	Anmerkungen	Einbaumaß
J01341A0081	Edge-Mount Type	Z91
J01341C0081	tape-and-reel packed acc. to DIN IEC 286-3, 1500 pcs. per reel Blistergurtverpackung gemäß DIN IEC 286-3, 1500 Stk. pro Spule	Z91

MMCX Angle PCB Receptacle, female, in SMT
MMCX-Winkelbuchse in SMT
11.10


Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01341A0071	-	Z88
J01341C0071	tape and reel packed on reel acc. to DIN IEC 286-3, 1700 pcs. per reel Blistergurtverpackung gemäß DIN IEC 286-3, 1700 Stk. pro Spule	Z88



Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01341A0001	for PCBs für Leiterplatten	on request auf Anfrage
J01341C0001	tape and reel packed on reel acc. to DIN IEC 286-3, 1000 pcs. per reel Blistergurtverpackung gemäß DIN IEC 286-3, 1000 Stk. pro Spule	on request auf Anfrage



Order no. Bestell-Nr.	Mount. dim. Einbaumaß
J01341A0061	Z90

12

1.6/5.6

1.6/5.6





1.6/5.6

1.6/5.6

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The 1.6/5.6 series of connectors are available with three different plug designs: Snap-on coupling allowing rapid but secure connections, screw coupling for vibration-proof installations, slide-on coupling which is suitable for rack and panel systems. The jack has one mating-face design, which will mate with all three plug types.

The maximum frequency for this series is limited to 1 GHz. The impedance is controlled at 75 ohm for all types. Versions of this series connector are available for mounting to printed circuit boards using through-hole soldered techniques. Clamp and crimp techniques are used to terminate this series to cables. 1.6/5.6 connectors find applications in many types of communication equipment.

Die Steckverbindungen der Serie 1.6/5.6 werden mit drei verschiedenen Kupplungsarten angeboten: Schnapptechnik gewährleistet eine schnelle aber sichere Verbindung, Schraubtechnik garantiert Vibrationsbeständigkeit, Einschubtechnik geeignet für geringe Steck- und Ziehkkräfte. Die Anschlussbuchse ist passend für alle drei Kupplungsarten.

Diese Steckverbindungen können bis zu einer Frequenz von 1 GHz eingesetzt werden. Der Wellenwiderstand der Serie 1.6/5.6 beträgt 75 Ohm. Steckverbindungen sind für flexible Kabel und für Leiterplatten erhältlich. Kabel werden durch Klemmen oder Crimpen angeschlossen. Die Steckverbinder der Serie 1.6/5.6 werden hauptsächlich in Telekommunikationsanlagen eingesetzt.

Mechanical Characteristics

Durability (mating cycles)	≥ 1000	Lebensdauer (Steckungen)
Insertion force: Screw	≤ 12 N	Steckkraft: Schraub
Insertion force: Snap-on	≤ 50 N	Steckkraft: Einrast
Insertion force: Slide-on	≤ 12 N	Steckkraft: Einschub
Withdrawal force: Screw	2.2 - 10 N	Ziehkraft: Schraub
Withdrawal force: Snap-on	≥ 18 N	Ziehkraft: Einrast
Withdrawal force: Slide-on	2.2 - 10 N	Ziehkraft: Einschub
Material: Spring contacts	CuBe2, CuPb1.15Ni1 (C97)	Werkstoff: Federnde Kontaktteile
Material: Outer conductor	CuZn39Pb3	Werkstoff: Außenleiter
Material: Other metal parts	CuZn39Pb3	Werkstoff: Sonstige Metallteile
Material: Insulators	PTFE	Werkstoff: Isolierteile
Finish: Inner conductor	Cu1Ni2Au1.5	Oberfläche: Innenleiter
Finish: Outer conductor	NiPdAuCo0.1 (Tribor)	Oberfläche: Außenleiter
Finish: Other metal parts	Cu2Ni5	Oberfläche: Sonstige Metallteile

Mechanische Eigenschaften

Climatic Characteristics

Climatic category acc. to IEC 68 - 1	40/155/21	Prüfklasse nach DIN IEC 68 Teil 1
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Thermische und klimatische Eigenschaften

Electrical Characteristics

Contact resistance inner conductor	≤ 4 mΩ	Durchgangswiderstand Innenleiter
Contact resistance outer conductor	≤ 2 mΩ	Durchgangswiderstand Außenleiter
Insulation resistance	16 GΩ	Isolationswiderstand
Voltage proof	1 kV _{eff} /50 Hz	Spannungsfestigkeit
Impedance	75 Ω	Wellenwiderstand
Return loss	≥ 20 dB/1 GHz	Rückflusdämpfung
Working voltage	≤ 500 V _{eff} /50 Hz	Betriebsspannung
Frequency range up to	1 GHz	Frequenzbereich bis

Elektrische Eigenschaften

Standards

IEC 60 169-13

Normen

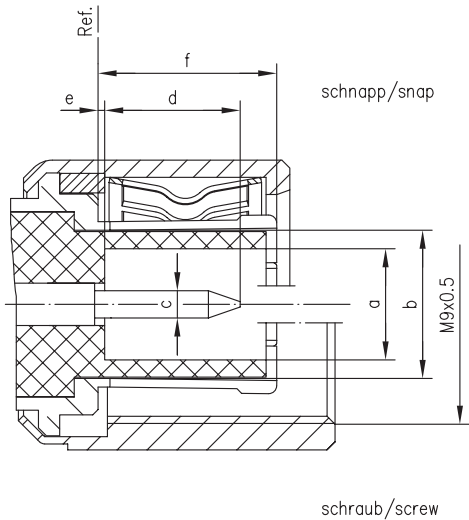
IEC 60 169-13

The Return Loss values shown above correspond to the IEC standard 60 169-13. In most cases, the RF connectors from Telegärtner fulfill or exceed these requirements. Depending on the design and cable type, however, particular connectors could deviate from the norm. The exact parameters of individual products are available upon request.

Die oben angeführten Rückflusdämpfungswerte entsprechen der IEC-Norm 60169-13. Die Telegärtner-Steckverbinder erfüllen oder übertreffen in den meisten Fällen diese Normwerte. Je nach Ausführung und Kabeltype können einzelne Steckverbinder jedoch abweichen. Die genauen Parameter der einzelnen Produkte sind auf Anfrage erhältlich.

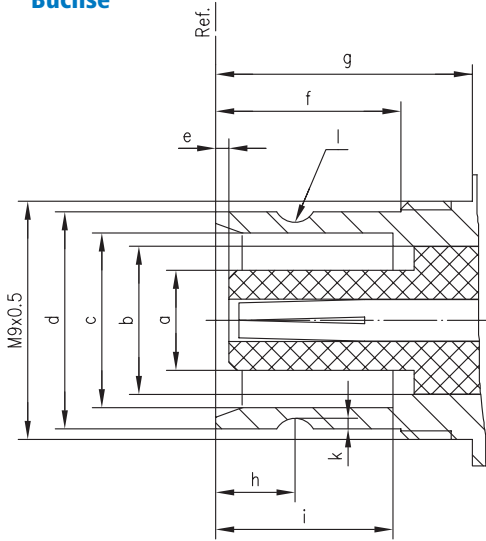
1.6/5.6 Mating Face
1.6/5.6-Steckgesicht

Plug
Stecker



	[mm]		[inch]	
	min.	max.	min.	max.
a	4.00	-	0.157	-
b	5.6	5.6	0.220	0.220
c	0.97	1.03	0.038	0.041
d	-	5.5	-	0.217
e	-	0.15	-	0.006
f	6.4	6.6	0.252	0.260

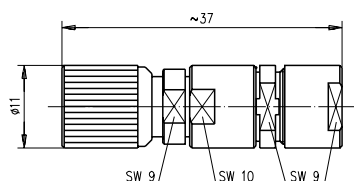
Jack
Buchse



	[mm]		[inch]	
	min.	max.	min.	max.
a	-	3.8	-	0.150
b	5.6	5.6	0.220	0.220
c	6.6	6.69	0.260	0.623
d	8.1	8.25	0.319	0.325
e	0.25	-	0.010	-
f	7.0	7.5	0.276	0.295
g	9.7	-	0.382	-
h	2.9	3.1	0.114	0.122
i	6.7	-	0.264	-
k	0.40	0.45	0.016	0.018
l	0.8	0.45	0.0315	0.0315

1.6/5.6 Straight Plug
1.6/5.6 Kabelstecker

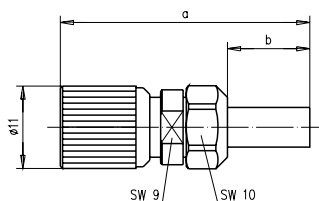
12.1



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01070G1701	2YCY 0.4/2.5-3.8	screw Schraub	C08
J01070F1701	2YC(MS)CY 0.4/2.5-4.8; 2YCCY 0.4/2.5-4.5	screw Schraub	C08
J01070D1701	G2 (RG-59B/U); 2YC(MS)CY 0.5/3.0-6.0; 2YCY 0.7/4.4-6.0	screw Schraub	C08
J01070H1701	0.65/3.7-6.7	screw Schraub	C08
J01070B1701	2YCCY 0.7/4.4-7.4; Flex-7/75	screw Schraub	C08
J01071G1709	2YCY 0.4/2.5-3.8; Flex-3/75	snap Schnapp	C08
J01071F1709	2YC(MS)CY 0.4/2.5-4.8; 2YCCY 0.4/2.5-4.5	snap Schnapp	C08
J01071D1709	G2 (RG-59B/U); 2YC(MS)CY 0.5/3.0-6.0; 2YCY 0.7/4.4-6.0	snap Schnapp	C08
J01071H1709	0.65/3.7-6.7	snap Schnapp	C08
J01071B1709	2YCCY 0.7/4.4-7.4	snap Schnapp	C08

1.6/5.6 Straight Plug Crimp
1.6/5.6 Kabelstecker Crimp

12.2

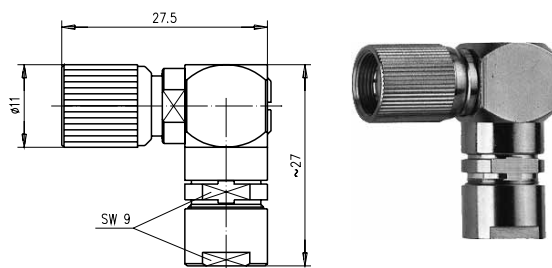


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01070A0004	G4 (RG-179B/U)	screw Schraub	a=32.5, b=11	C1703	N01001A0009
J01070A0003	G12 (0.315/1.95-3.7)	screw Schraub	a=33, b=11	C1704	N01001L1274
J01070G1710	02YS (ST) CH 0.45/2.0-3.4 Leoni; 02Y (ST) CH 0.45/2.0-3.4 Bedea; 02Y (ST) CY 0.45/2.0-3.4 Siemens; 2YCY 0.4/2.5-3.8	screw Schraub	a=35, b=13	C1704	N01001L1274
J01070A0012	BT 2002	screw Schraub	a=35, b=13	C1705	N01001A0005
J01070D1710	2YC(MS)CY 0.5/3.0-6.0	screw Schraub	a=35, b=13	C1706	N01001A0007
J01070K1710	G2 (RG-59B/U)	screw Schraub	a=35, b=13	C1706	N01001A0007

12.2

1.6/5.6 Straight Plug Crimp
1.6/5.6 Kabelstecker Crimp

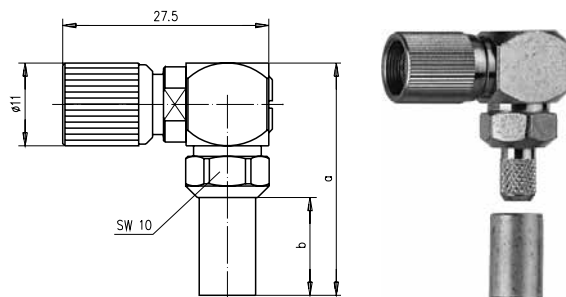
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01070H1710	0.65/3.7-6.7	screw Schraub	a=35, b=13	C1706	N01001A0007
J01071A0003	G4 (RG-179B/U)	snap Schnapp	a=31, b=11	C1703	N01001L1274
J01071A0002	G12 (0.315/1.95-3.7)	snap Schnapp	a=31.5, b=11	C1704	N01001L1274
J01071G1711	02YS (ST) CH 0.45/2.0-3.4 Leoni; 02Y (ST) CH 0.45/2.0-3.4 Bedea; 02Y (ST) CY 0.45/2.0-3.4 Siemens; 2YCY 0.4/2.5-3.8	snap Schnapp	a=33.5, b=13	C1704	N01001L1274
J01071D1711	2YC(MS)CY 0.5/3.0-6.0	snap Schnapp	a=33.5, b=13	C1706	N01001A0007
J01071K1711	G2 (RG-59B/U)	snap Schnapp	a=33.5, b=13	C1706	N01001A0007
J01071H1711	0.65/3.7-6.7	snap Schnapp	a=33.5, b=13	C1706	N01001A0007

1.6/5.6 Angle Plug
1.6/5.6 Kabelwinkelstecker

Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01070G1707	2YCY 0.4/2.5-3.8; Flex-3/75	screw Schraub	C09
J01070F1707	2YC(MS)CY 0.4/2.5-4.8; 2YCCY 0.4/2.5-4.5	screw Schraub	C09
J01070D1707	G2 (RG-59B/U); 2YC(MS)CY 0.5/3.0-6.0; 2YCY 0.7/4.4-6.0	screw Schraub	C09
J01070B1707	2YCCY 0.7/4.4-7.4; Flex-7/75	screw Schraub	C09
J01071G1707	2YCY 0.4/2.5-3.8; Flex-3/75	snap Schnapp	C09
J01071F1707	2YC(MS)CY 0.4/2.5-4.8; 2YCCY 0.4/2.5-4.5	snap Schnapp	C09
J01071D1707	G2 (RG-59B/U); 2YC(MS)CY 0.5/3.0-6.0; 2YCY 0.7/4.4-6.0	snap Schnapp	C09
J01071H1707	0.65/3.7-6.7	snap Schnapp	C09
J01071B1707	2YCCY 0.7/4.4-7.4	snap Schnapp	C09

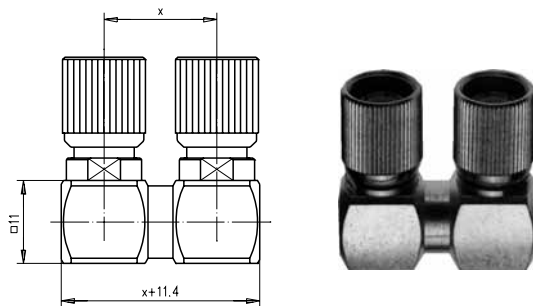
1.6/5.6 Angle Plug Crimp
1.6/5.6 Kabelwinkelstecker Crimp

12.4

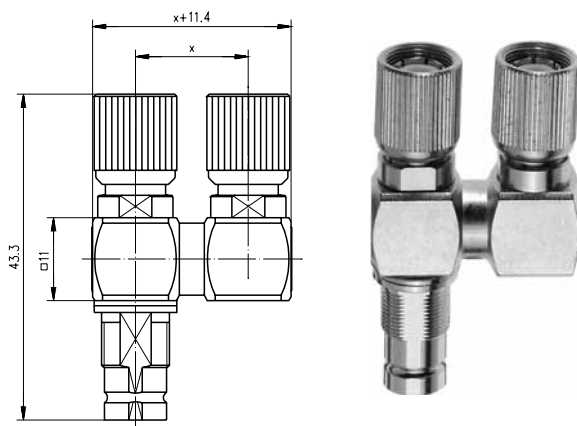


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01070A0007	G4 (RG-179B/U)	screw Schraub	a=28, b=11	C1903	N01001A0009
J01070A0006	G12 (0.315/1.95-3.7)	screw Schraub	a=29, b=11	C1904	N01001L1274
J01070G1713	02YS (ST) CH 0.45/2.0-3.4 Leoni; 02Y (ST) CH 0.45/2.0-3.4 Bedea; 02Y (ST) CY 0.45/2.0-3.4 Siemens; 2YCY 0.4/2.5-3.8	screw Schraub	a=31, b=13	C1904	N01001L1274
J01070D1713	2YC(MS)CY 0.5/3.0-6.0	screw Schraub	a=31, b=13	C1906	N01001A0007
J01070K1713	G2 (RG-59B/U)	screw Schraub	a=31, b=13	C1906	N01001A0007
J01070H1713	0.65/3.7-6.7	screw Schraub	a=31, b=13	C1906	N01001A0007
J01071A0006	G4 (RG-179B/U)	snap Schnapp	a=28, b=11	C1903	N01001A0009
J01071A0005	G12 (0.315/1.95-3.7)	snap Schnapp	a=29, b=11	C1904	N01001L1274
J01071G1714	02YS (ST) CH 0.45/2.0-3.4 Leoni; 02Y (ST) CH 0.45/2.0-3.4 Bedea; 02Y (ST) CY 0.45/2.0-3.4 Siemens; 2YCY 0.4/2.5-3.8	snap Schnapp	a=31, b=13	C1904	N01001L1274
J01071D1714	2YC(MS)CY 0.5/3.0-6.0	snap Schnapp	a=31, b=13	C1906	N01001A0007
J01071K1714	G2 (RG-59B/U)	snap Schnapp	a=31, b=13	C1906	N01001A0007
J01071H1714	0.65/3.7-6.7	snap Schnapp	a=31, b=13	C1906	N01001A0007

1.6/5.6 U Link, male 1.6/5.6 Bügelstecker



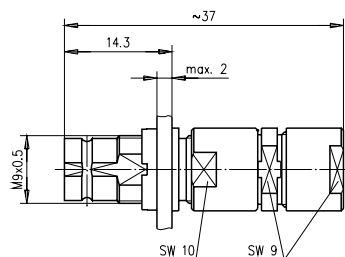
Order no. Bestell-Nr.	Remarks Anmerkungen	Dimensions Abmessungen
J01070A0010	screw Schraub	x=15
J01070B1702	snap Schnapp	x=15
J01070C1702	Slide on Einschub	x=15
J01071A1702	screw Schraub	x=30
J01071B1702	snap Schnapp	x=30
J01071C1702	slide on Einschub	x=30
J01072A1702	screw Schraub	x=45
J01072B1702	snap Schnapp	x=45
J01072C1702	slide on Einschub	x=45



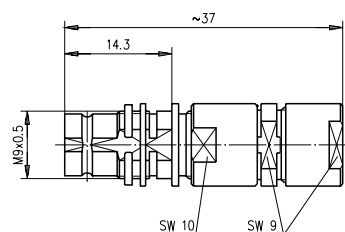
Order no. Bestell-Nr.	Remarks Anmerkungen	Dimensions Abmessungen
J01070A0009	screw with measuring jack Schraub mit Meßbuchse	x=15

1.6/5.6 Bulkhead Jack
1.6/5.6 Kabeleinbaubuchse

12.6



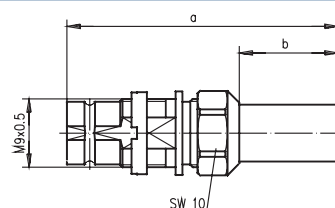
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage
J01073G1700	2YCY 0.4/2.5-3.8	fixed mount fester Einbau	Z32	C08
J01073F1700	2YC(MS)CY 0.4/2.5-4.8; 2YCCY 0.4/2.5-4.5	fixed mount fester Einbau	Z32	C08
J01073D1700	G2 (RG-59B/U); 2YC(MS)CY 0.5/3.0-6.0; 2YCY 0.7/4.4-6.0	fixed mount fester Einbau	Z32	C08
J01073H1700	0.65/3.7-6.7	fixed mount fester Einbau	Z32	C08
J01073B1700	2YCCY 0.7/4.4-7.4; Flex 7/75	fixed mount fester Einbau	Z32	C08



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage
J01073G1706	2YCY 0.4/2.5-3.8; Flex-3/75	float mount schwimmende Befestigung	Z32	C08
J01073D1706	G2 (RG-59B/U); 2YC(MS)CY 0.5/3.0-6.0; 2YCY 0.7/4.4-6.0	float mount schwimmende Befestigung	Z32	C08
J01073H1706	0.65/3.7-6.7	float mount schwimmende Befestigung	Z32	C08
J01073B1706	2YCCY 0.7/4.4-7.4	float mount schwimmende Befestigung	Z32	C08

1.6/5.6 Bulkhead Jack Crimp
1.6/5.6 Kabeleinbaubuchse Crimp

12.7



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01073A0002	G4 (RG-179B/U)	fixed mount fester Einbau	a=32, b=11	Z32	C1803	N01001A0009

12.7

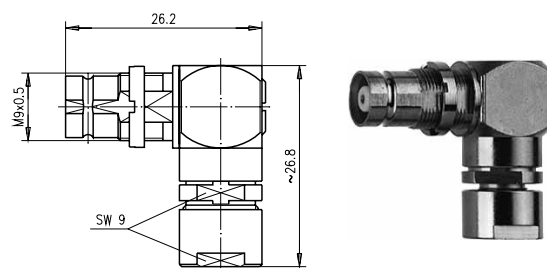
1.6/5.6 Bulkhead Jack Crimp

1.6/5.6 Kabeleinbaubuchse Crimp

Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01073A0001	G12 (0.315/1.95-3.7)	fixed mount fester Einbau	a=33, b=11	Z32	C1804	N01001L1274
J01073G1712	02YS (ST) CH 0.45/2.0-3.4 Leoni; 02Y (ST) CH 0.45/2.0-3.4 Bedea; 02Y (ST) CY 0.45/2.0-3.4 Siemens; 2YCY 0.4/2.5-3.8; Flex-3/75	fixed mount fester Einbau	a=35, b=13	Z32	C1804	N01001L1274
J01073D1712	2YC(MS)CY 0.5/3.0-6.0	fixed mount fester Einbau	a=35, b=13	Z32	C1806	N01001A0007
J01073K1712	G2 (RG-59B/U)	fixed mount fester Einbau	a=35, b=13	Z32	C1806	N01001A0007
J01073H1712	0.65/3.7-6.7	fixed mount fester Einbau	a=35, b=13	Z32	C1806	N01001A0007

1.6/5.6 Angle Bulkhead Jack

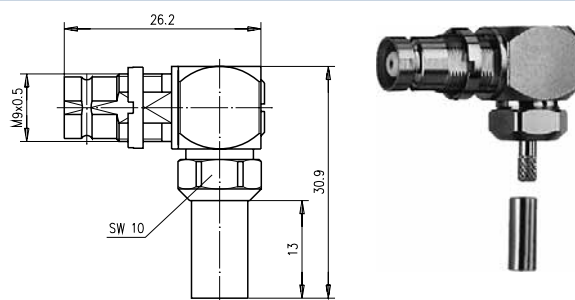
1.6/5.6 Kabelwinkeleinbaubuchse



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage
J01073D0004	2YCY 0.4/2.5-3.8; Flex-3/75	fixed mount fester Einbau	Z32	C10
J01073C0004	2YC(MS)CY 0.4/2.5-4.8; 2YCCY 0.4/2.5-4.5	fixed mount fester Einbau	Z32	C10
J01073B0004	G2 (RG-59B/U); 2YC(MS)CY 0.5/3.0-6.0; 2YCY 0.7/4.4-6.0	fixed mount fester Einbau	Z32	C10
J01073E0004	0.65/3.7-6.7	fixed mount fester Einbau	Z32	C10
J01073A0004	2YCCY 0.7/4.4-7.4	fixed mount fester Einbau	Z32	C10

1.6/5.6 Angle Bulkhead Jack Crimp

1.6/5.6 Kabelwinkeleinbaubuchse Crimp

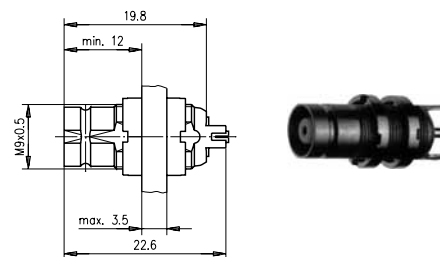


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01073A0006	G4 (RG-179B/U)	fixed mount fester Einbau	a=28, b=11	Z32	C2003	N01001A0009

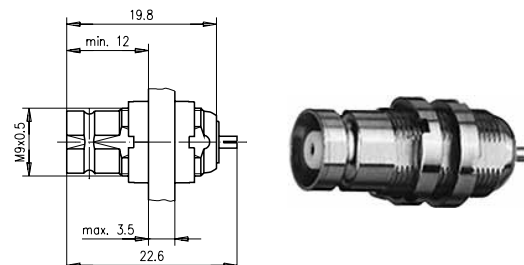
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01073B0005	G12 (0.315/1.95-3.7)	fixed mount fester Einbau	a=29, b=11	Z32	C2004	N01001L1274
J01073E0005	02YS (ST) CH 0.45/2.0-3.4 Leoni; 02Y (ST) CH 0.45/2.0-3.4 Bedea; 02Y (ST) CY 0.45/2.0-3.4 Siemens; 2YCY 0.4/2.5-3.8	fixed mount fester Einbau	a=29, b=11	Z32	C2004	N01001L1274
J01073D0005	2YC(MS)CY 0.5/3.0-6.0	fixed mount fester Einbau	a=31, b=13	Z32	C2006	N01001A0007
J01073K0005	G2 (RG-59B/U)	fixed mount fester Einbau	a=31, b=13	Z32	C2006	N01001A0007
J01073H0005	0.65/3.7-6.7	fixed mount fester Einbau	a=31, b=13	Z32	C2006	N01001A0007

1.6/5.6 Bulkhead Receptacle, female
1.6/5.6 Einbaubuchse

12.10



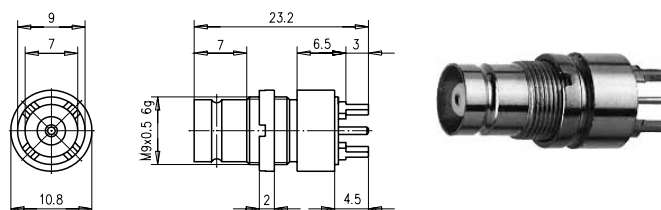
Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01073A1703	with solder tag mit Lötflanke	Z32



Order no. Bestell-Nr.	Mount. dim. Einbaumaß
J01073A1708	Z32

1.6/5.6 PCB Receptacle, female
1.6/5.6 Buchse für gedruckte Schaltungen

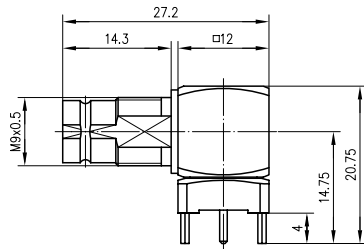
12.11



Order no. Bestell-Nr.	Mount. dim. Einbaumaß
J01073A0007	Z37

12.12

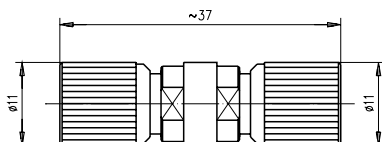
1.6/5.6 Angle PCB Receptacle, female 1.6/5.6 Winkelbuchse für gedruckte Schaltungen



Order no.	Mount. dim.
Bestell-Nr.	Einbaumaß
J01073A0010	Z06

12.13

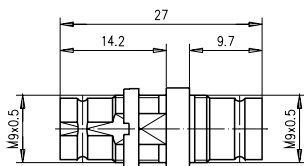
1.6/5.6 Adaptors 1.6/5.6 Kupplungen



Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01074A1704	m-m screw Sti-Sti Schraub

12.14

1.6/5.6 Bulkhead Adaptor 1.6/5.6 Verbindungsstück

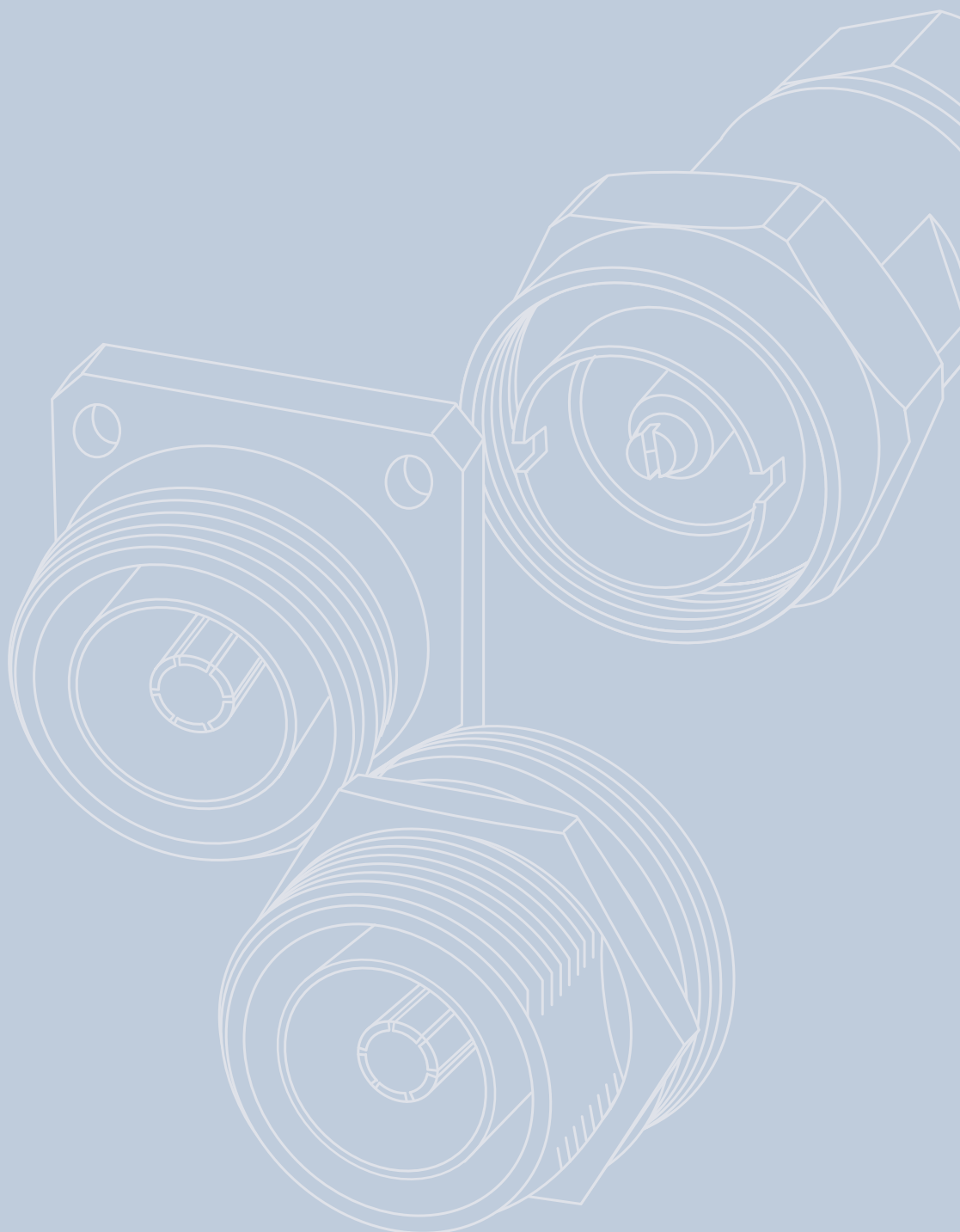


Order no.	Remarks	Mount. dim.
Bestell-Nr.	Anmerkungen	Einbaumaß
J01074B1705	f-f Bu-Bu	Z32

13

7-16

7-16



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The 7-16 (DIN) series is a very popular coax connector for use in Mobile Base Station equipment. It is a rugged, precision, weatherproof connector supplied with a thread coupling. In some applications this connector can be used up to 7.5 GHz. Only 50 ohm impedances are available. Connector styles are available for flexible, conformable, semi-rigid and corrugated cable types. Solder, clamp or crimp cable terminations are used for this series. Applications for these connectors are typically radio base station interconnection and test equipment where vibration resistance and environmental protection are required. Special design techniques for this series of connectors have resulted in previously unattainable levels of performance with regard to return loss (VSWR) and intermodulation distortion. 7-16 connectors allow high-power, high-frequency transmission in coaxial lines.

Mating face sealing for 7-16 connectors between plug and jack (mated) according to IP 68. This classification is a general statement for the relevant series. Individual connectors may deviate from the values shown. If in doubt, please consult our engineers.

Die Serie 7-16 (DIN) sind weit verbreitete koaxiale Steckverbindungen im Mobilfunkbereich. Diese unempfindlichen Steckverbindungen verfügen über einen Schraubverschluss und sind wasserdicht. Sie können je nach Ausführung bis zu einer Frequenz von 7,5 GHz eingesetzt werden. Die Steckverbindungen der Serie 7-16 haben einen Wellenwiderstand von 50 Ohm. Steckverbindervarianten gibt es für flexible, Semi-Flex-, Semi-Rigid- und Wellmantelkabel. Kabel werden durch Löten, Crimpen oder Klemmen angeschlossen. Diese Steckverbindungen werden insbesondere in Mobilfunk-Basisstationen eingesetzt. Darüber hinaus werden sie auch für Testzwecke verwendet, bei denen Vibrations- und Witterungsbeständigkeit gefordert ist. Die spezielle Konstruktion der 7-16 Steckverbinder gewährleisten hervorragende Ergebnisse bei Rückflusdämpfung (VSWR) und Intermodulationsfestigkeit. 7-16 Steckverbindungen sind für die Übertragung von hohen Leistungen bei hohen Frequenzen geeignet.

Diese Steckverbinder erfüllen die Querdichtigkeit im Steckgesicht zwischen Stecker und Buchse im gesteckten Zustand gemäß IP 68. Diese Schutzklasse ist pauschal für die Serie 7-16 festgelegt worden. Für einzelne Steckverbindungen kann es zu Abweichungen kommen. Im Zweifelsfall bitte anfragen.

Mechanical Characteristics

Durability (mating cycles)	≥ 500	Lebensdauer (Steckungen)
Recommended coupling torque	25 - 35 Nm	Empfohlenes Kupplungsdrehmoment
Material: Spring contacts	CuBe2, copper alloy	Werkstoff: Federnde Kontaktteile
Material: Outer conductor	CuZn39Pb3	Werkstoff: Außenleiter
Material: Other metal parts	CuZn39Pb3	Werkstoff: Sonstige Metallteile
Material: Insulators	PTFE	Werkstoff: Isolierteile
Material: Gaskets	Silicon, NBR	Werkstoff: Dichtungen
Finish: Inner conductor	Cu2Ag5	Oberfläche: Innenleiter
Finish: Outer conductor	Cu2Ag5, Ag2CuSnZn0.5 (Optargen)	Oberfläche: Außenleiter
Finish: Other metal parts	CuSnZn3 (Telealloy), Cu2Ag5, Ni	Oberfläche: Sonstige Metallteile

Mechanische Eigenschaften

Climatic Characteristics

Climatic category acc. to IEC 68 - 1	55/155/56	Prüfklasse nach DIN IEC 68 Teil 1
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Thermische und klimatische Eigenschaften

Electrical Characteristics

Contact resistance inner conductor	≤ 0.4 mΩ	Durchgangswiderstand Innenleiter
Contact resistance outer conductor	≤ 0.2 mΩ	Durchgangswiderstand Außenleiter
Insulation resistance	≥ 10 GΩ	Isolationswiderstand
Voltage proof	4 kV _{eff} /50 Hz	Spannungsfestigkeit
Impedance	50 Ω	Wellenwiderstand
Return loss: Flexible cable	40 dB/1 GHz bzw. 36 dB/2 GHz	Rückflusdämpfung: Flexibles Kabel
Return loss: Straight style	32 dB/4 GHz bzw. 28 dB/6 GHz	Rückflusdämpfung: Gerade Ausführung
Working voltage	≤ 2.7 kV _{eff} /50 Hz	Betriebsspannung
Power	1.8 kW/1 GHz	Leistungsübertragung
Frequency range up to	7.5 GHz	Frequenzbereich bis

Elektrische Eigenschaften

Standards

IEC 60 169-4

Normen

IEC 60 169-4

The Return Loss values shown above correspond to the IEC standard 60 169-4. In most cases, the RF connectors from Telegärtner fulfill or exceed these requirements. Depending on the design and cable type, however, particular connectors could deviate from the norm. The exact parameters of individual products are available upon request.

Die oben angeführten Rückflusdämpfungswerte entsprechen der IEC-Norm 60 169-4. Die Telegärtner-Steckverbinder erfüllen oder übertreffen in den meisten Fällen diese Normwerte. Je nach Ausführung und Kabeltype können einzelne Steckverbinder jedoch abweichen. Die genauen Parameter der einzelnen Produkte sind auf Anfrage erhältlich.

Available Types of Connectors for Corrugated Cable

Telegärtner 7-16 connectors for feeder (less flexible) and jumper cables (highly flexible) are provided in 4 different designs as follows:

Standard

Waterproof types for feeder and jumper cables.

Short

Compact types for feeder and jumper cables. Self-adhesive sleeving is necessary for waterproof external installation.

SIMFix

For fast and simple connections. Designed for feeder cables. Waterproof.

Pro Types / Plus Types (SIMFix Pro / SIMFix Plus)

Barrier sealed version with additional sealing of the outer conductor; IP 68

Steckverbinder-Ausführungen für Wellmantelkabel

Bei Telegärtner 7-16 Steckverbindern für Feeder Kabel (wenig flexible) und Jumper Kabel (hochflexibel) lassen sich 4 Ausführungen unterscheiden:

Standard

Wasserdichte Ausführungen für Feeder und Jumper Kabel

Kurz

Kompakte Ausführungen für Feeder und Jumper Kabel. Klebeschumpfschlauch für Einsatz im Freien (Wasserdichtigkeit) erforderlich.

SIMFix

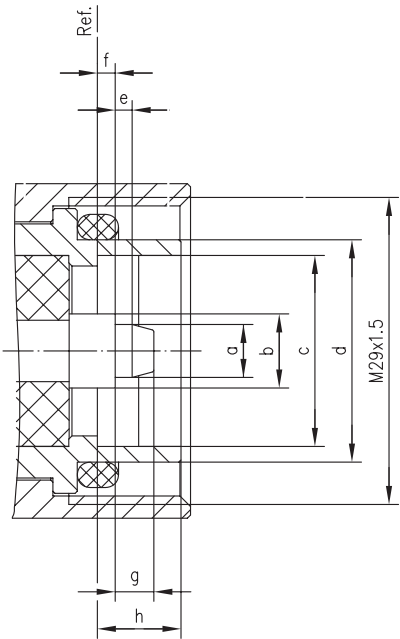
Schnellanschluss-Ausführungen für Feeder Kabel. Wasserdicht.

Pro Typen / Plus Typen (SIMFix Pro / SIMFix Plus)

Längs- und querdichte Ausführung mit zusätzlicher Außenleiterabdichtung; IP 68.

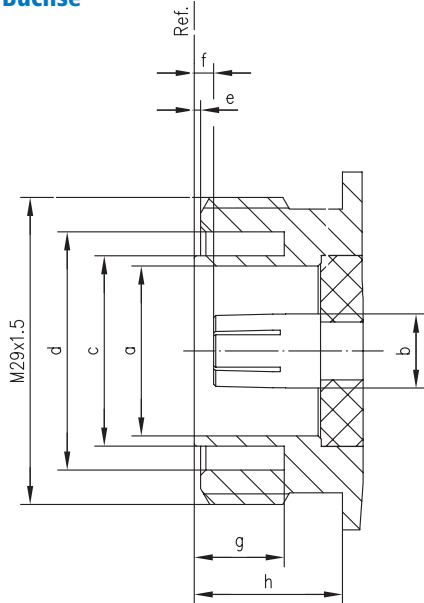
7- 16 Mating Face 7- 16 Steckgesicht

Plug Stecker



	[mm]		[inch]	
	min.	max.	min.	max.
a	4.96	5.04	0.195	0.198
b	7.0	7.0	0.276	0.276
c	18.03	18.21	0.710	0.717
d	20.6	21.4	0.811	0.843
e	1.4	1.6	0.055	0.063
f	1.47	1.77	0.058	0.070
g	-	4.5	-	0.177
h	7.0	8.0	0.276	0.315

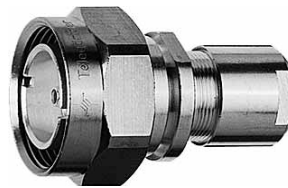
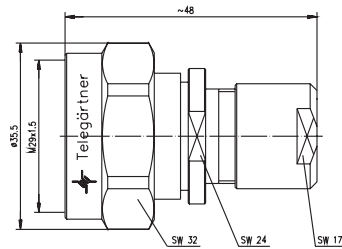
Jack Buchse



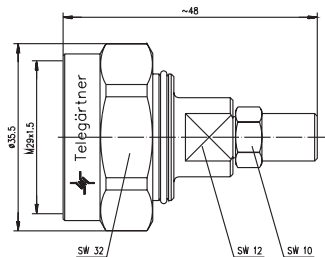
	[mm]		[inch]	
	min.	max.	min.	max.
a	15.85	16.25	0.624	0.640
b	7.0	7.0	0.276	0.276
c	17.84	18.02	0.702	0.709
d	22.1	22.9	0.870	0.902
e	0.5	0.7	0.020	0.028
f	1.77	2.07	0.070	0.081
g	8.1	-	0.319	-
h	10	-	0.394	-

7-16 Straight Plug
7-16 Kabelstecker

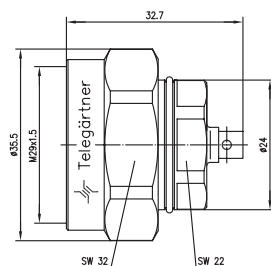
13.1



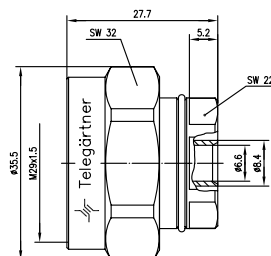
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Assembly Montage
J01120A0732	G42 (2.7/7.1); RG-213/U; AA-5886	B09
J01120A0731	RG-214/U; RG-393/U	B09



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Assembly Montage
J01120A0070	G1 (RG-58C/U); G5 (RG-223/U); G6 (RG-303/U); 1.0/2.95 AF	B63

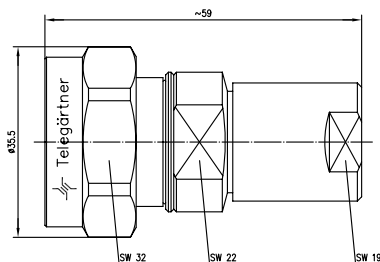


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120B0074	G10 (UT-141)	IP 68	B69

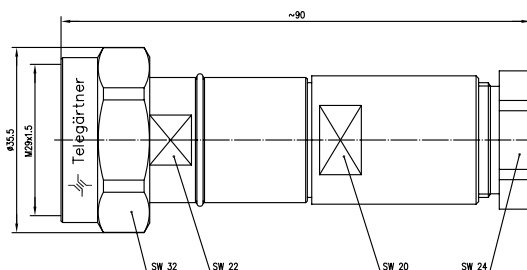


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120A0083	G9 (UT-250)	IP 68	B73

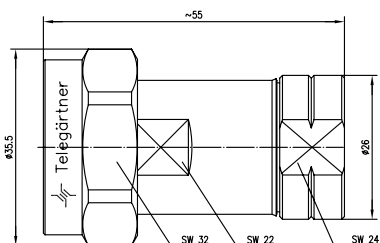
13.1

7-16 Straight Plug
7-16 Kabelstecker

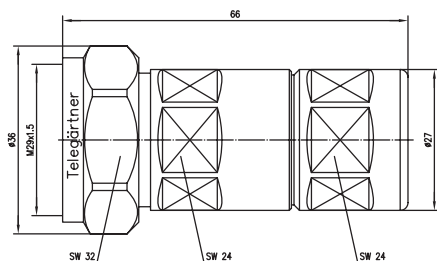
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120A0019	LCF 38-50J	Standard; IP 67	B31
J01120A0022	LDF2-50 3/8"	Standard; IP 67	B31



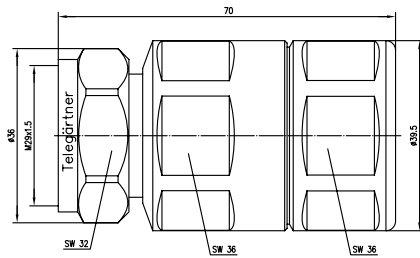
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120A0733	Flexwell 3/8" Cu2Y-50 RFS	Standard; IP67	B08



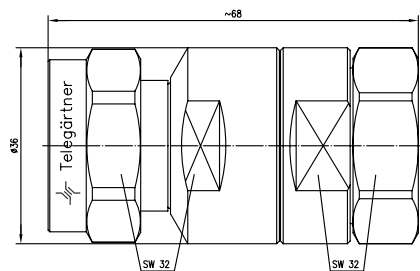
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120B0073	G23 (1/2" FLEX)	SIMFix IP 67	B65
J01120B0077	G23 (1/2" FLEX)	SIMFix Plus IP 68	



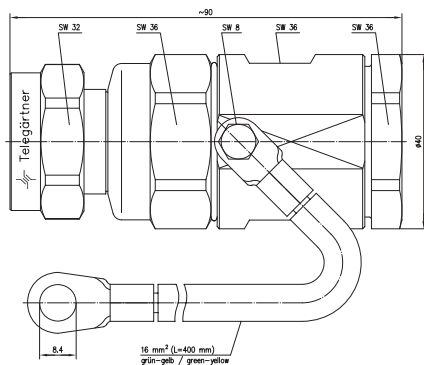
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120B0085	G21 (1/2")	SIMFix Pro IP 68	B78



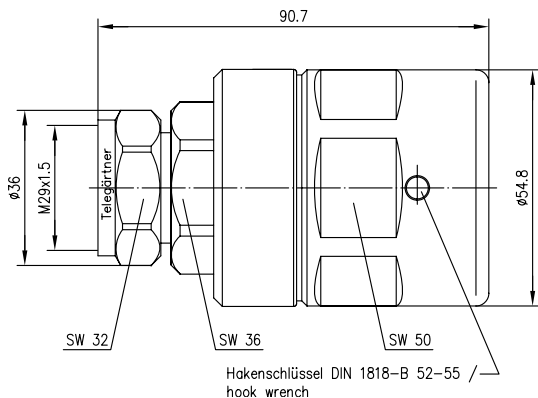
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120B0084	G24 (7/8")	SIMFix Pro IP 68	B79
J01120D0084	RFE 7/8"-50; HFSC 22D	SIMFix Pro IP 68	B79



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120A0051	RFF 7/8"-50	short; IP 54 kurz; IP 54	B52



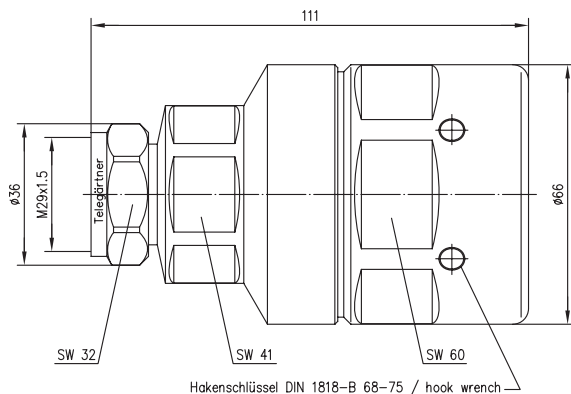
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120A0050	RFXT 7/8"-50	SIMFix; IP 67	B53



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120B0087	G33 (1 1/4")	SIMFix Pro IP 68	B80

13.1

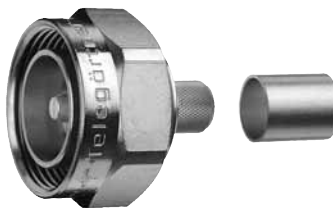
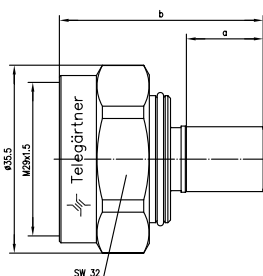
7-16 Straight Plug 7-16 Kabelstecker



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120B0088	G26 (1 5/8")	SIMFix Pro IP 68	B81

13.2

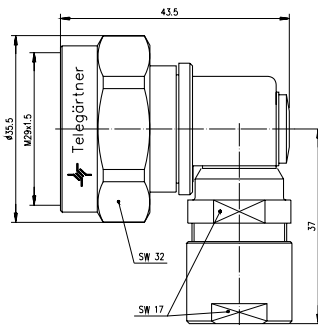
7-16 Straight Plug Crimp 7-16 Kabelstecker Crimp



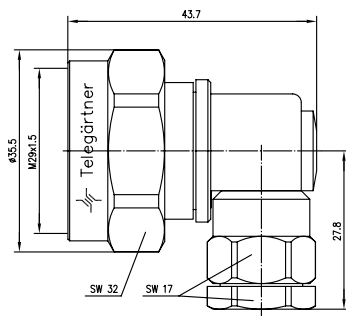
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Dimensions Abmessungen	Crimp die Crimpeinsatz	Assembly Montage
J01120A0090	RG-213/U	a=14.5, b=38.5	N01001D1274	B3512
J01120A0091	RG-214/U	a=13, b=37	N01001D1274	B3512
J01120A0092	G37 (2.7/7.25)	a=14.5, b=38.5	N01001A0030	B3526

13.3

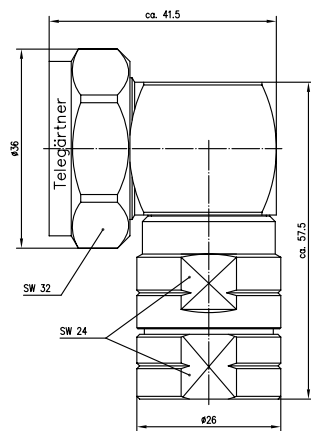
7-16 Angle Plug 7-16 Kabelwinkelstecker



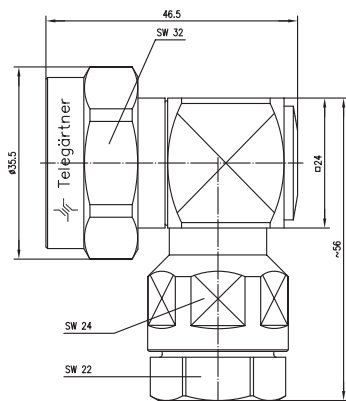
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120A1160	G42 (2.7/7.1); RG-213/U; AA-5886	Combination plug; IP 54 Kombiniersteckverbinder; IP 54	D04
J01120A0016	RG-214/U; RG-393/U	Combination plug; IP 54 Kombiniersteckverbinder; IP 54	D04



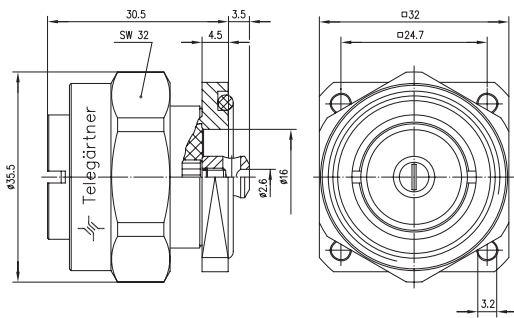
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120A0034	SCF 38-50I	short, IP 54 kurz, IP 54	D07



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120A0094	G23 (1/2" FLEX)	SIMFix Pro IP 68	B68



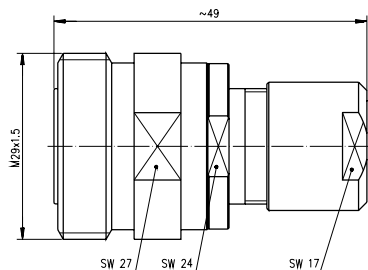
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01120A0026	G21 (1/2")	short, IP 54 kurz, IP 54	B42



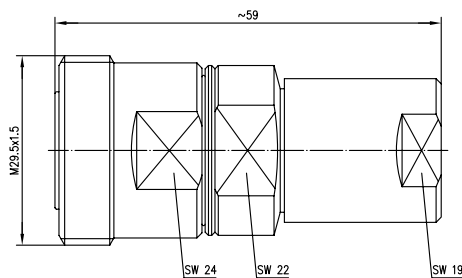
Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01120B0043	with solder termination mit Lötanschluss	Z62

7-16 Straight Jack
7-16 Kabelbuchse

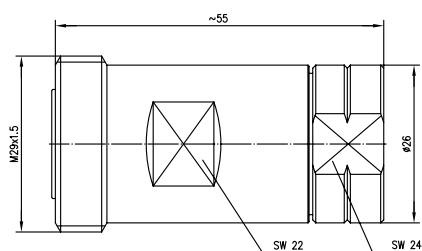
13.6



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01121A0011	G42 (2.7/7.1); RG-213/U; AA-5886	IP 67	B21
J01121A0012	RG-214/U; RG-393/U	IP 67	B21



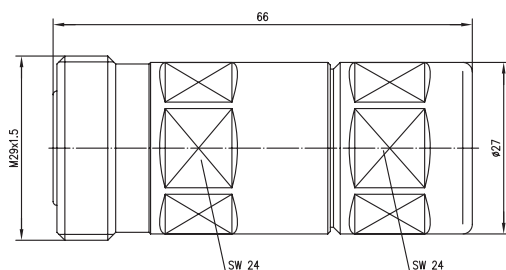
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01121A0043	G28 (3/8")	Standard; IP 67	B31
J01121A0045	LDF2-50 3/8"	Standard; IP 67	B31



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01121B0114	G23 (1/2" FLEX)	SIMFix IP 67	B65
J01121B0120	G23 (1/2" FLEX)	SIMFix Pro IP 68	B68

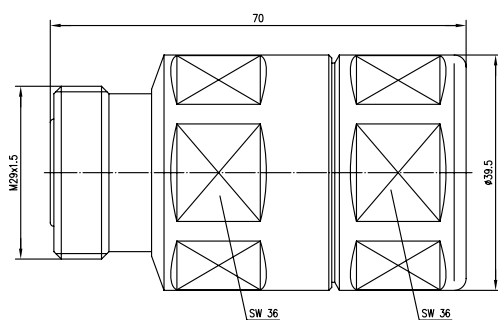
13.6

7-16 Straight Jack 7-16 Kabelbuchse



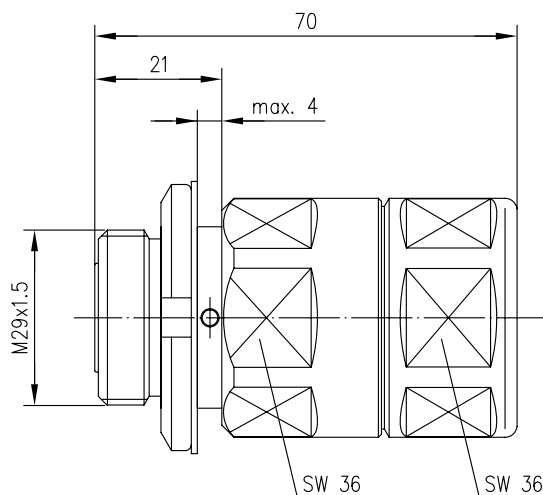
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
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J01121B0136	G21 (1/2")	SIMFix Pro IP 68	B78
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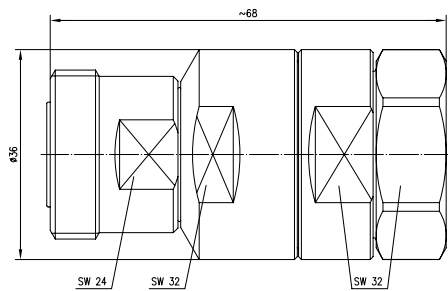
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
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J01121B0132	G24 (7/8")	SIMFix Pro IP 68	B79
J01121D0132	RFE 7/8"-50; HFSC 22D	SIMFix Pro IP 68	B79

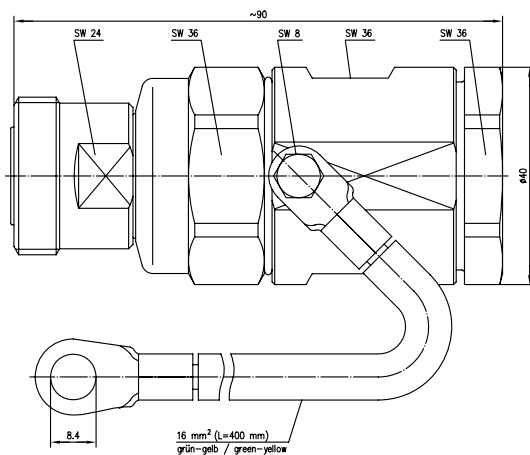


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
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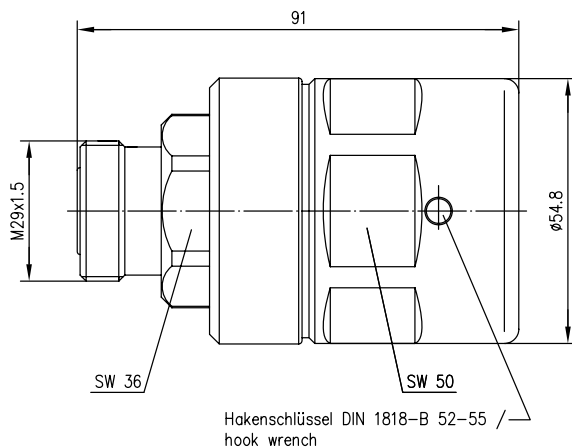
J01121A0155	G24 (7/8")	SIMFix Pro IP 68; bulkhead version SIMFix Pro IP 68; Einbautyp	B79
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Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01121A0090	RFF 7/8"-50	short; IP 54 kurz; IP54	B52

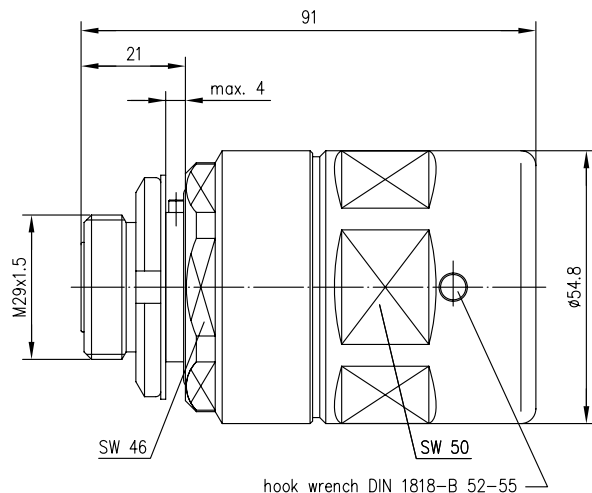


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01121A0086	RFXT 7/8"-50	SIMFix; IP 67	B53

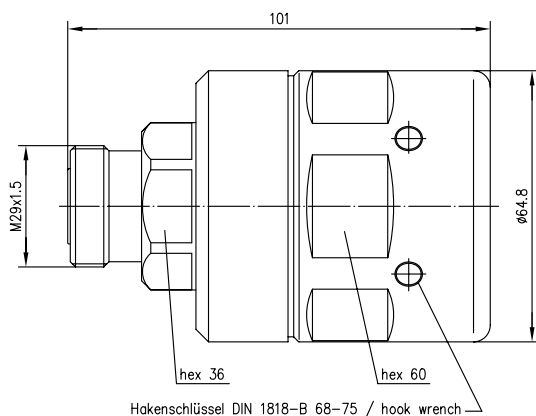


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01121B0138	G33 (RFLDF/EupenGL11 1/4")	SIMFix Pro IP 68	B80

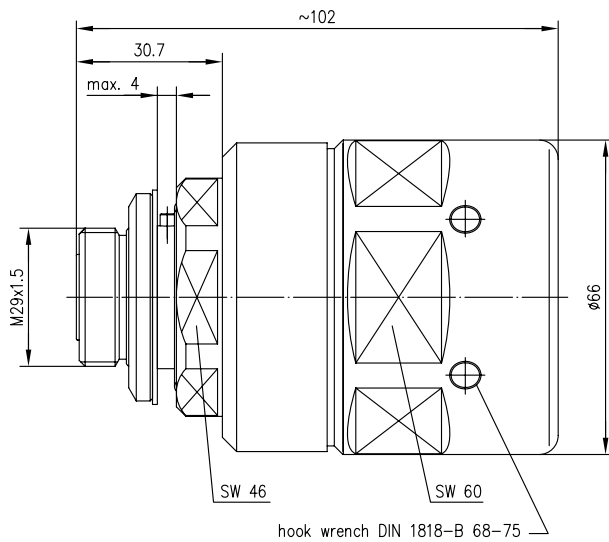
7-16 Straight Jack 7-16 Kabelbuchse



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01121A0156	G33 (1 1/4")	SIMFix Pro IP 68; bulkhead version SIMFix Pro IP 68; Einbautyp	B80



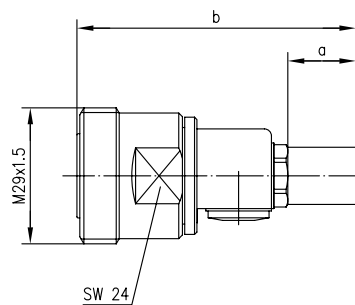
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01121B0139	G26 (1 5/8")	SIMFix Pro IP 68	B81



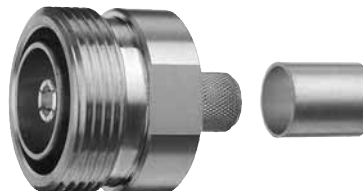
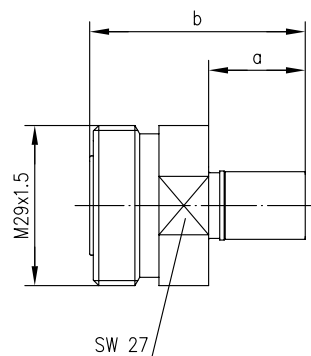
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01121A0157	G26 (1 5/8")	SIMFix Pro IP 68; bulkhead version SIMFix Pro IP 68; Einbautyp	B81

7-16 Straight Jack Crimp 7-16 Kabelbuchse Crimp

13.7

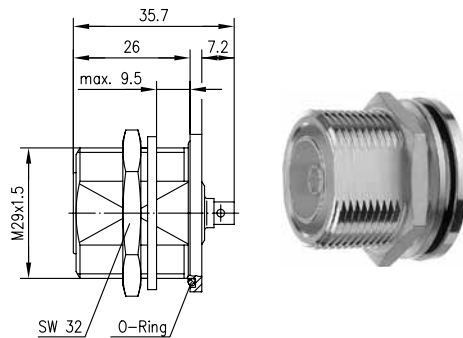


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01121A0019	G42 (2.7/7.1); RG-213/U; AA-5886	a=14.5; b=59.5	D0512	N01001D1274
J01121A0020	RG-214/U; RG-393 /U	a=13; b=58	D0512	N01001D1274

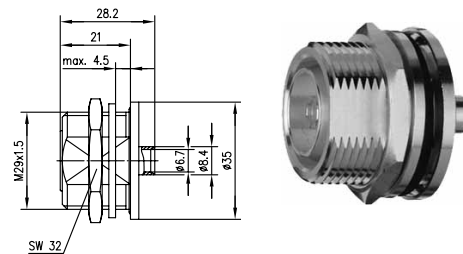


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01121A0144	RG-213/U	a=14.5; b=39	B3512	N01001D1274
J01121A0145	G37 (2.7/7.25)	a=14.5; b=39	B3526	N01001A0030
J01121A0143	RG-214/U	a=14.5; b=39	B3512	N01001D1274

7-16 Bulkhead Jack 7-16 Kabeleinbaubuchse

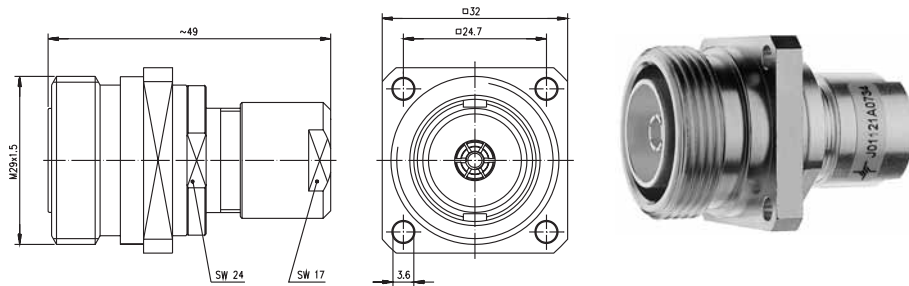


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage
J01121A0134	G10 (UT-141)	IP 68; with panel seal IP 68; mit Einbaudichtung	Z69	B75

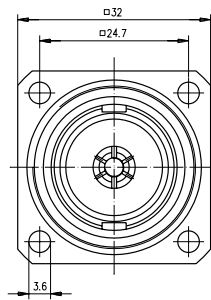
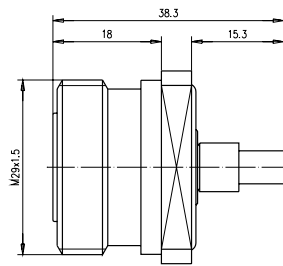


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage
J01121B0000	G9 (UT-250); G20 (1/4" FLEX)	IP 68; with panel seal IP 68; mit Einbaudichtung	Z69	B70

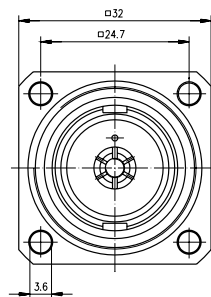
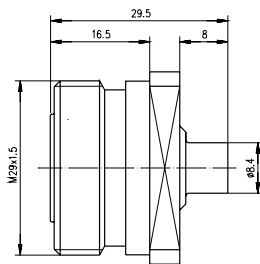
7-16 Panel Jack 7-16 Kabeleinbaubuchse mit Flansch



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Mount. dim. Einbaumaß	Assembly Montage
J01121A0734	G42 (2.7/7.1); RG-213/U; AA-5886	Z12	B21
J01121A0735	RG-214/U; RG-393/U	Z12	B21



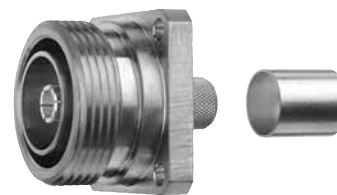
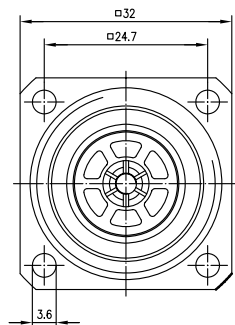
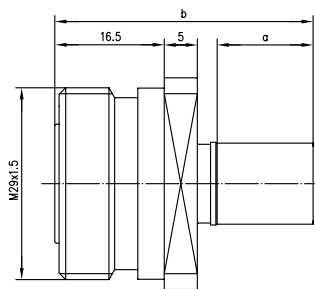
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Mount. dim. Einbaumaß	Assembly Montage
J01121A0044	G10 (UT-141); UT-141-35-TP	Z62	B36



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Mount. dim. Einbaumaß	Assembly Montage
J01121A0102	G9 (UT-250)	Z62	B57

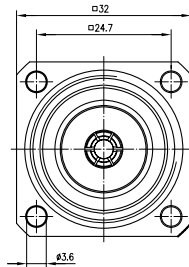
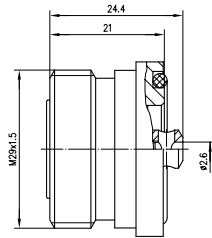
7-16 Panel Jack Crimp 7-16 Kabeleinbaubuchse mit Flansch Crimp

13.10

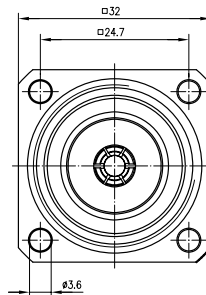
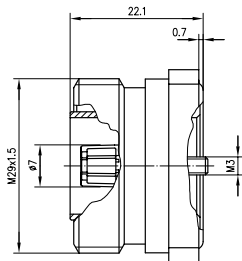


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Mount. dim. Einbaumaß	Crimp die Crimpeinsatz
J01121A0147	RG-213/U	crimp/crimp	B3512	Z62	N01001D1274
J01121A0148	G37 (2.7/7.25)	crimp/crimp	B3526	Z62	N01001A0030
J01121A0146	RG-214/U	crimp/crimp	B3512	Z62	N01001D1274

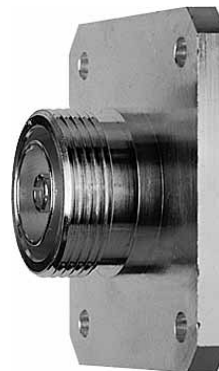
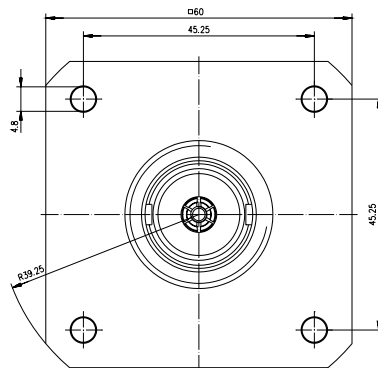
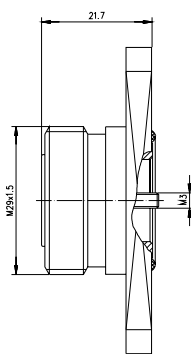
7-16 Receptacle, female, for Panel Mounting 7-16 Gerätebuchse



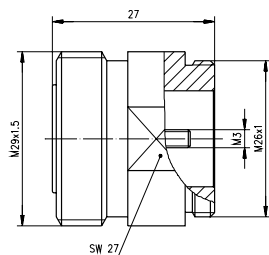
Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01121C0721	with solder termination mit Lötanschluss	Z62



Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01121A0721	M3 termination M3 Anschluss	Z62



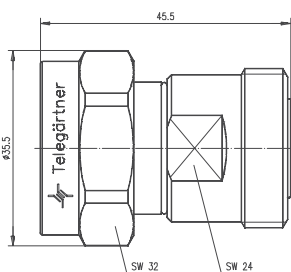
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J01121A0004	M3 termination M3 Anschluss	Z47



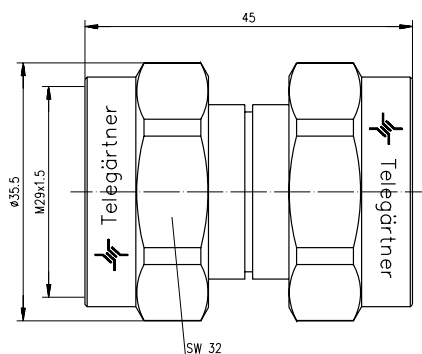
Order no. Bestell-Nr.	Remarks Anmerkungen
J01121A0723	M3 termination M3 Anschluss

7-16 Adaptor
7-16 Kupplung

13.12



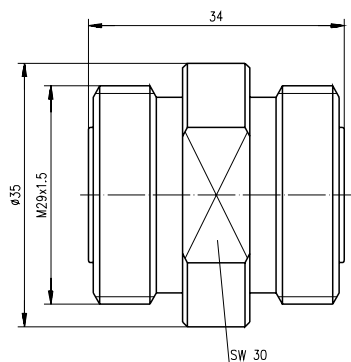
Order no. Bestell-Nr.	Remarks Anmerkungen
J01123A0006	m-f IP 67 Sti-Bu IP 67



Order no. Bestell-Nr.	Remarks Anmerkungen
J01123A0000	m-m IP 67 Sti-Sti IP 67

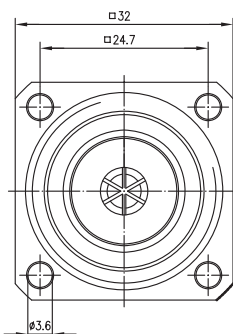
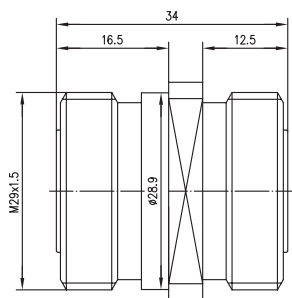
13.12

7-16 Adaptor 7-16 Kupplung

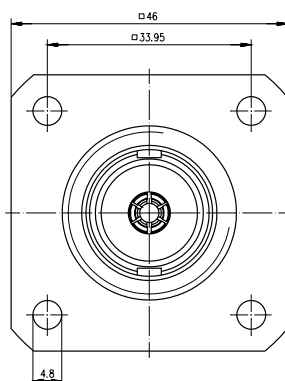
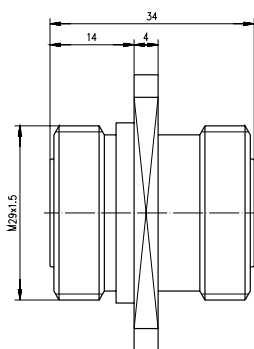


Order no. Bestell-Nr.	Remarks Anmerkungen
J01123A0001	f-f IP 67 Bu-Bu IP 67

7-16 Panel Adaptor 7-16 Kupplung mit Flansch



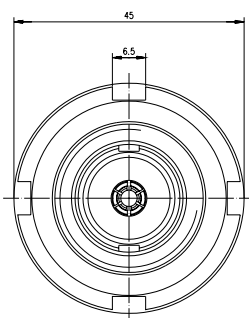
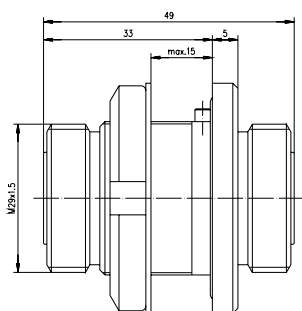
Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01123A0007	f-f Ag/Ag IP 67 Bu-Bu Ag/Ag IP 67	Z12



Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01123A0002	f-f Ag/Ag IP 67 Bu-Bu Ag/Ag IP 67	Z60

7-16 Bulkhead Adaptor
7-16 Verbindungsstück

13.14

Order no.
Bestell-Nr.Remarks
AnmerkungenMount. dim.
Einbaumaß

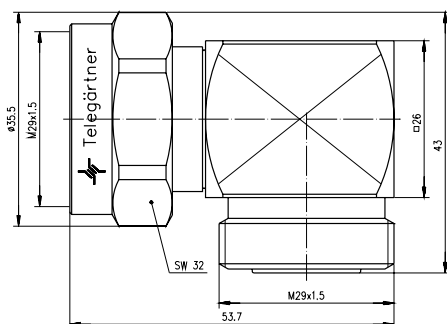
J01123A0003

f-f Ag/Ag IP 67
Bu-Bu Ag/Ag IP 67

Z61

7-16 Angle Adaptor
7-16 Winkelkupplung

13.15

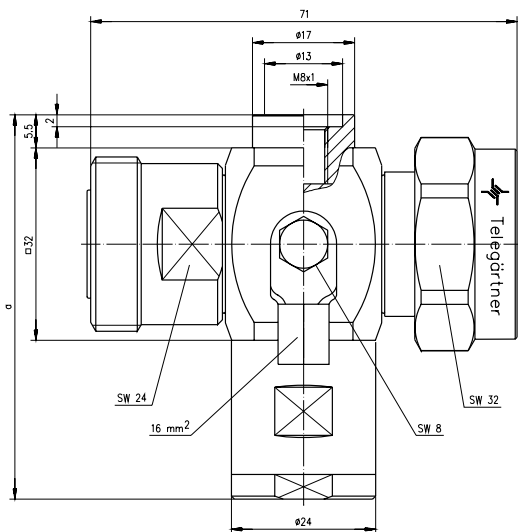
Order no.
Bestell-Nr.Remarks
Anmerkungen

J01123A0004

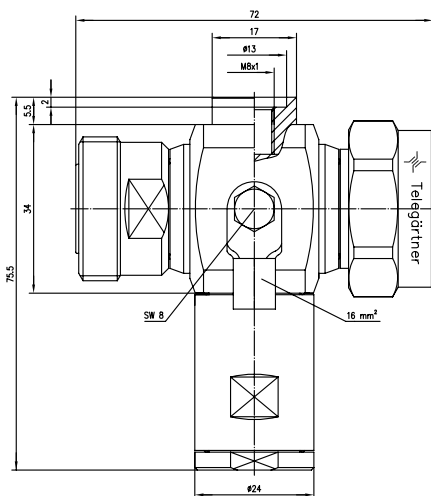
m-f IP 67
Sti-Bu IP 67

7-16 Surge Suppressor

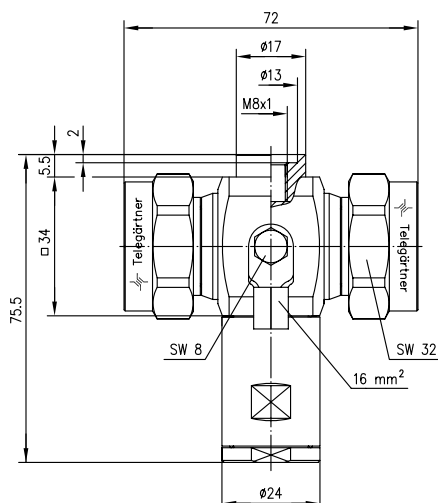
7-16 Überspannungsableiter



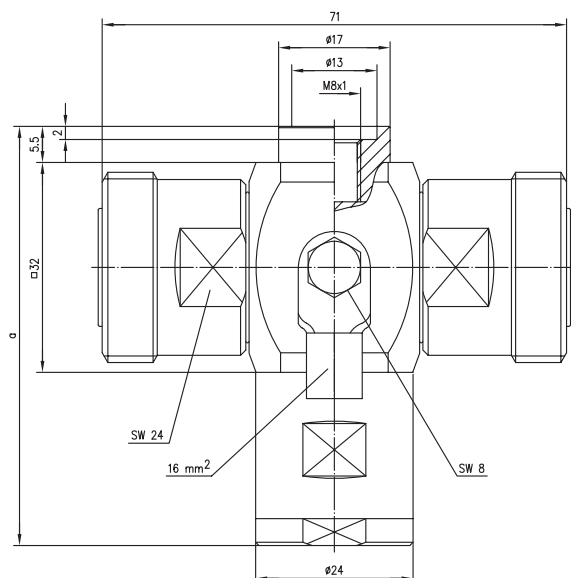
Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen	Dimensions Abmessungen
J01125A0019	380-430 MHz (Tetra)	m-f with $\lambda/4$ stub IP 67 Sti-Bu mit $\lambda/4$ Kurzschluss IP 67	a=178
J01125A0008	800-900 MHz	m-f with $\lambda/4$ stub IP 67 Sti-Bu mit $\lambda/4$ Kurzschluss IP 67	a=97
J01125A0001	870-970 MHz	m-f with $\lambda/4$ stub IP 67 Sti-Bu mit $\lambda/4$ Kurzschluss IP 67	a=97
J01125A0003	1700-1900 MHz	m-f with $\lambda/4$ stub IP 67 Sti-Bu mit $\lambda/4$ Kurzschluss IP 67	a=64
J01125A0017	1700-2300 MHz	m-f with $\lambda/4$ stub IP 67 Sti-Bu mit $\lambda/4$ Kurzschluss IP 67	a=64
J01125A0010	1850-2000 MHz	m-f with $\lambda/4$ stub IP 67 Sti-Bu mit $\lambda/4$ Kurzschluss IP 67	a=64
J01125A0021	1920-2170 MHz (UMTS)	m-f with $\lambda/4$ stub IP 67 Sti-Bu mit $\lambda/4$ Kurzschluss IP 67	a=64
J01125A0016	2250-2450 MHz	m-f with $\lambda/4$ stub IP 67 Sti-Bu mit $\lambda/4$ Kurzschluss IP 67	a=59



Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen
J01125A0024	806-960/1710-2200 MHz (TRI-BAND)	m-f with $\lambda/4$ stub IP 67 <i>Sti-Bu mit $\lambda/4$ Kurzschluss IP 67</i>

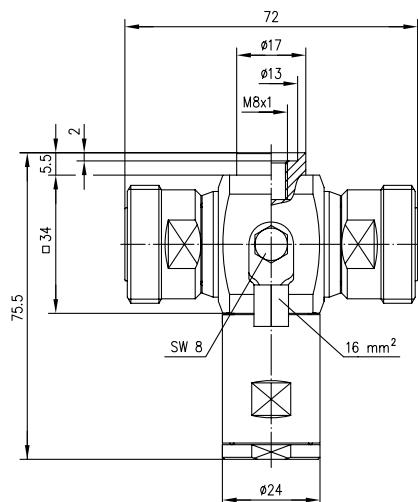


Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen
J01125A0022	806-960/1710-2200 MHz (TRI-BAND)	m-m with $\lambda/4$ stub IP 67 Sti-Sti mit $\lambda/4$ Kurzschluss IP 67

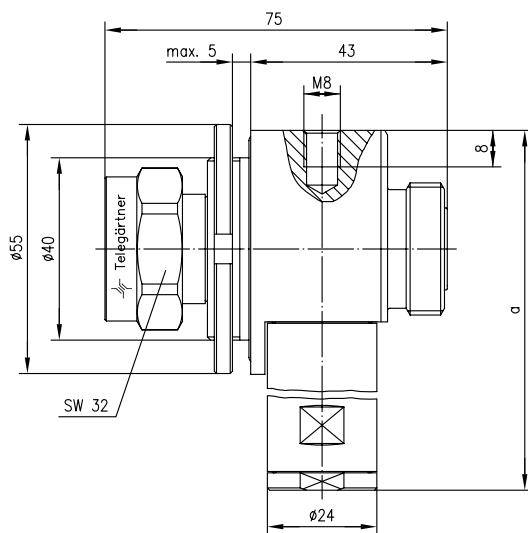


Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen	Dimensions Abmessungen
J01125A0020	380-430 MHz (Tetra)	f-f with $\lambda/4$ stub IP 67 Bu-Bu mit $\lambda/4$ Kurzschluss IP 67	a=178
J01125A0007	800-900 MHz	f-f with $\lambda/4$ stub IP 67 Bu-Bu mit $\lambda/4$ Kurzschluss IP 67	a=97
J01125A0000	870-970 MHz	f-f with $\lambda/4$ stub IP 67 Bu-Bu mit $\lambda/4$ Kurzschluss IP 67	a=97
J01125A0002	1700-1900 MHz	f-f with $\lambda/4$ stub IP 67 Bu-Bu mit $\lambda/4$ Kurzschluss IP 67	a=64
J01125A0009	1850-2000 MHz	f-f with $\lambda/4$ stub IP 67 Bu-Bu mit $\lambda/4$ Kurzschluss IP 67	a=64
J01125A0032	1920-2170 MHz (UMTS)	f-f with $\lambda/4$ stub IP 67 Bu-Bu mit $\lambda/4$ Kurzschluss IP 67	a=64

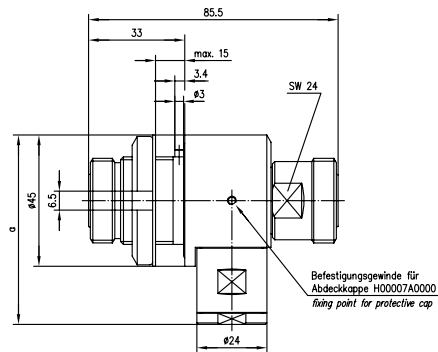
7-16 Surge Suppressor 7-16 Überspannungsableiter



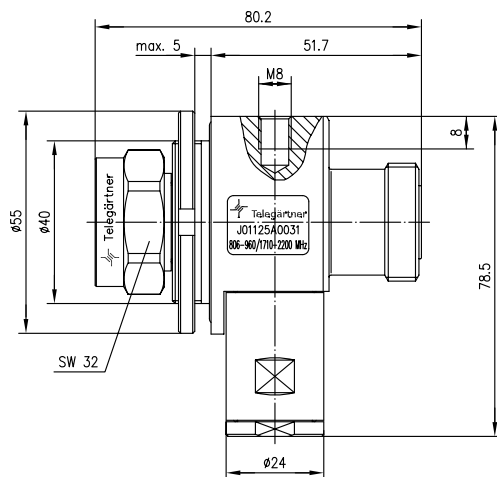
Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen
J01125A0023	806-960/1710-2200 MHz (TRI-BAND)	f-f with $\lambda/4$ stub IP 67 Bu-Bu mit $\lambda/4$ Kurzschluss IP 67



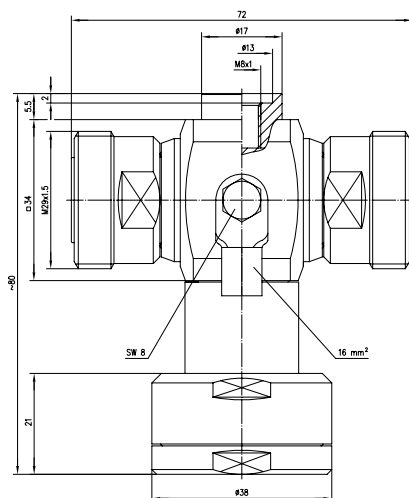
Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß
J01125A0012	800-900 MHz	m-f with $\lambda/4$ stub, bulkhead type Sti-Bu mit $\lambda/4$ Kurzschluss, Einbautyp	a=102	on request auf Anfrage
J01125A0006	870-970 MHz	m-f with $\lambda/4$ stub, bulkhead type Sti-Bu mit $\lambda/4$ Kurzschluss, Einbautyp	a=102	on request auf Anfrage
J01125A0015	1700-1900 MHz	m-f with $\lambda/4$ stub, bulkhead type Sti-Bu mit $\lambda/4$ Kurzschluss, Einbautyp	a=69	on request auf Anfrage
J01125A0014	1850-2000 MHz	m-f with $\lambda/4$ stub, bulkhead type Sti-Bu mit $\lambda/4$ Kurzschluss, Einbautyp	a=69	on request auf Anfrage



Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß
J01125A0011	800-900 MHz	f-f with $\lambda/4$ stub, bulkhead type Bu-Bu mit $\lambda/4$ Kurzschluss, Einbautyp	a=98	Z61
J01125A0013	1850-2000 MHz	f-f with $\lambda/4$ stub, bulkhead type Bu-Bu mit $\lambda/4$ Kurzschluss, Einbautyp	a=65	Z61

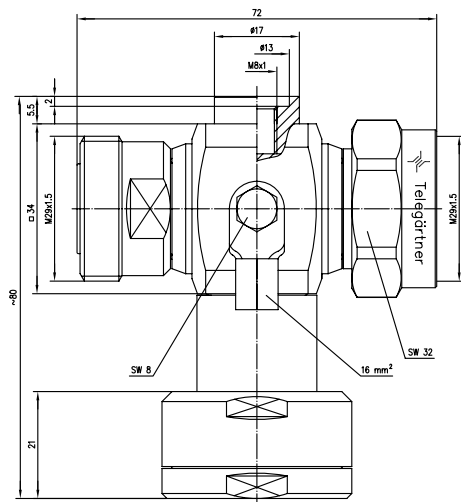


Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01125A0031	806-960/1710-2200 MHz (TRI-BAND)	m-f with $\lambda/4$ stub, bulkhead type Sti-Bu mit $\lambda/4$ Kurzschluss, Einbautyp	on request auf Anfrage

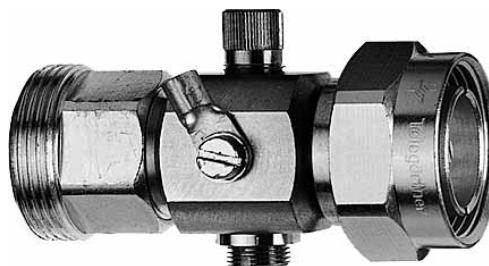
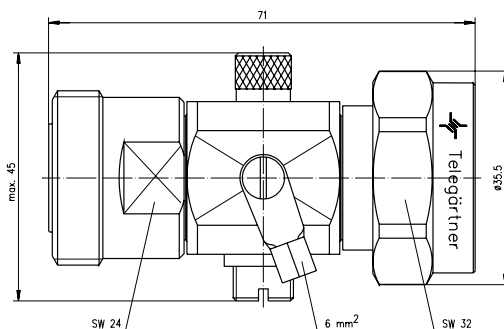


Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen
J01125A0029	806-960 / 1710-2200 MHz (TRI-BAND)	m-m with Quarter-Wave Stub-Tuner DC-Pass 85 V Bu-Bu mit $\lambda/4$ Kurzschluss DC-Pass 85 V

7-16 Surge Suppressor 7-16 Überspannungsableiter



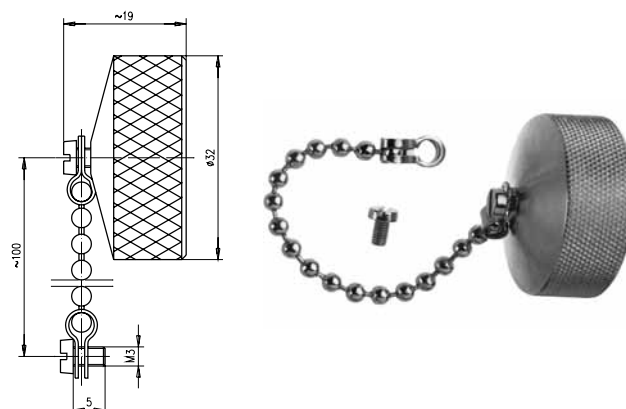
Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen
J01125A0030	806-960 / 1710-2200 MHz (TRI-BAND)	m-f with Quarter-Wave Stub-Tuner DC-Pass 85 V Sti-Bu mit $\lambda/4$ Kurzschluss DC-Pass 85 V



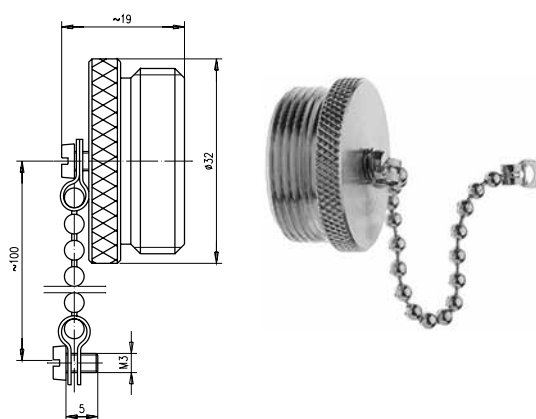
Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen
J01125A0004	230 V	m-f with gas discharge tube; other voltages on request Sti-Bu mit Gasentladungsleiter; andere Spannungen auf Anfrage
J01125A0034	800 V	m-f with gas discharge tube; other voltages on request Sti-Bu mit Gasentladungsleiter; andere Spannungen auf Anfrage

7-16 Dust Cap
7-16 Abdeckkappe

13.17



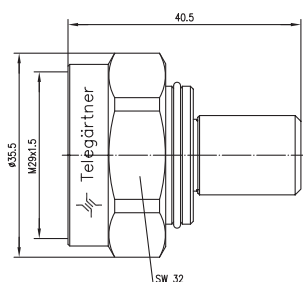
Order no. Bestell-Nr.	Remarks Anmerkungen
H00070A0000	for jack; IP 68 für Buchse; IP 68



Order no. Bestell-Nr.	Remarks Anmerkungen
H00070A0001	for plug; IP 68 für Stecker; IP 68

7-16 Terminator
7-16 Abschlusswiderstand

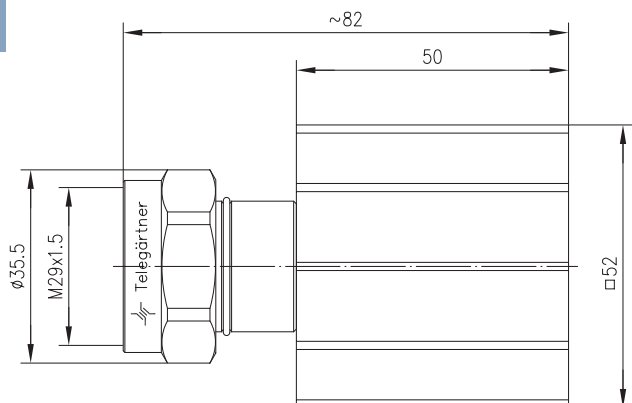
13.18



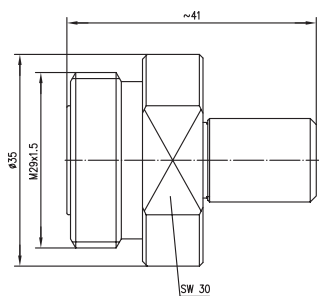
Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen
J01124A0001	2 W; 7.5 GHz; > 20 dB	m Sti

13.18

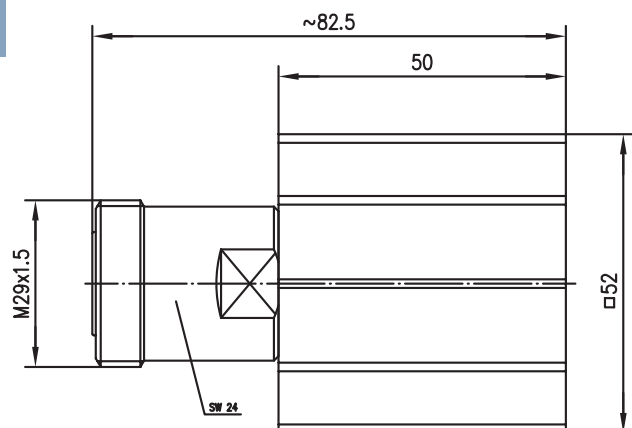
7-16 Terminator 7-16 Abschlusswiderstand



Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen
J01124A0003	10 W; 2.5 GHz; > 25 dB	m Sti



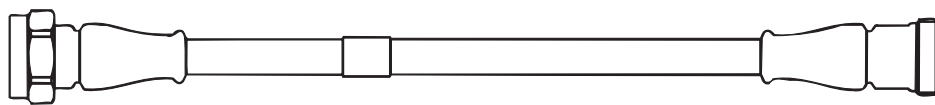
Order no. Bestell-Nr.	Z	Technical Information Technische Daten	Remarks Anmerkungen
J01124A0002	50	2 W; 7.5 GHz; >20 dB	f Bu



Order no. Bestell-Nr.	Z	Technical Information Technische Daten	Remarks Anmerkungen
J01124A0004	50	10 W; 2.5 GHz; >25 dB	f Bu

7-16 Jumper Cables 1/2" for Mobile Radio Base Stations, IP68, Plug - Jack
7-16 Jumper-Kabel 1/2" für Basisstationen IP 68, Stecker - Buchse

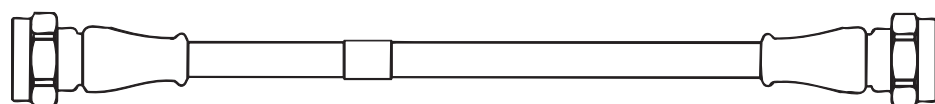
13.19



Order no. Bestell-Nr.	Length Länge	Remarks Anmerkungen
L00010D0550	0.5	JMPS/0501
L00010D0551	1.0	JMPS/1001
L00011D0182	1.5	JMPS/1501
L00011D0183	2.0	JMPS/2001
L00012D0061	2.5	JMPS/2501
L00012D0062	3.0	JMPS/3001
L00013D0056	4.0	JMPS/4001
L00013D0057	5.0	JMPS/5001

7-16 Jumper Cables 1/2" for Mobile Radio Base Stations, IP68, Plug - Plug
7-16 Jumper-Kabel 1/2" für Basisstationen, IP 68, Stecker - Stecker

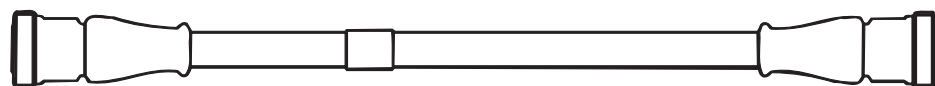
13.20



Order no. Bestell-Nr.	Length Länge	Remarks Anmerkungen
L00010D0552	0.5	JMPS/0500
L00010D0553	1.0	JMPS/1000
L00011D0184	1.5	JMPS/1500
L00011D0185	2.0	JMPS/2000
L00012D0063	2.5	JMPS/2500
L00012D0064	3.0	JMPS/3000
L00013D0058	4.0	JMPS/4000
L00013D0059	5.0	JMPS/5000

7-16 Jumper Cables 1/2" for Mobile Radio Base Stations, IP68, Jack - Jack
7-16 Jumper-Kabel 1/2" für Basisstationen, IP 68, Buchse - Buchse

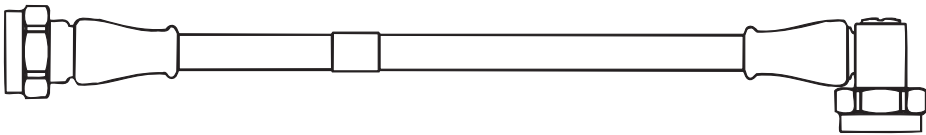
13.21



Order no. Bestell-Nr.	Length Länge	Remarks Anmerkungen
L00010D0559	0.5	JMPS/0511
L00010D0600	1.0	JMPS/1011
L00011D0198	1.5	JMPS/1511
L00011D0199	2.0	JMPS/2011
L00012D0073	2.5	JMPS/2511
L00012D0074	3.0	JMPS/3011
L00013D0073	4.0	JMPS/4011
L00013D0074	5.0	JMPS/5011

13.22

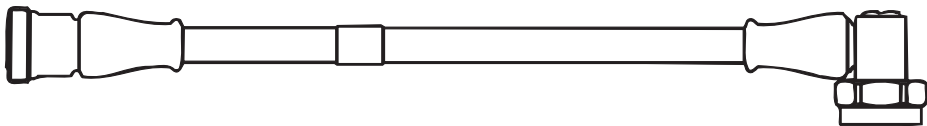
7-16 Jumper Cables 1/2" for Mobile Radio Base Stations, IP68, Plug - Angle Plug
7-16 Jumper-Kabel 1/2" für Basisstationen, IP 68, Stecker - Winkelstecker



Order no. Bestell-Nr.	Length Länge	Remarks Anmerkungen
L00010D0565	0.5	JMPS/0502
L00010D0566	1.0	JMPS/1002
L00011D0186	1.5	JMPS/1502
L00011D0187	2.0	JMPS/2002
L00012D0065	2.5	JMPS/2502
L00012D0066	3.0	JMPS/3002
L00013D0061	4.0	JMPS/4002
L00013D0062	5.0	JMPS/5002

13.23

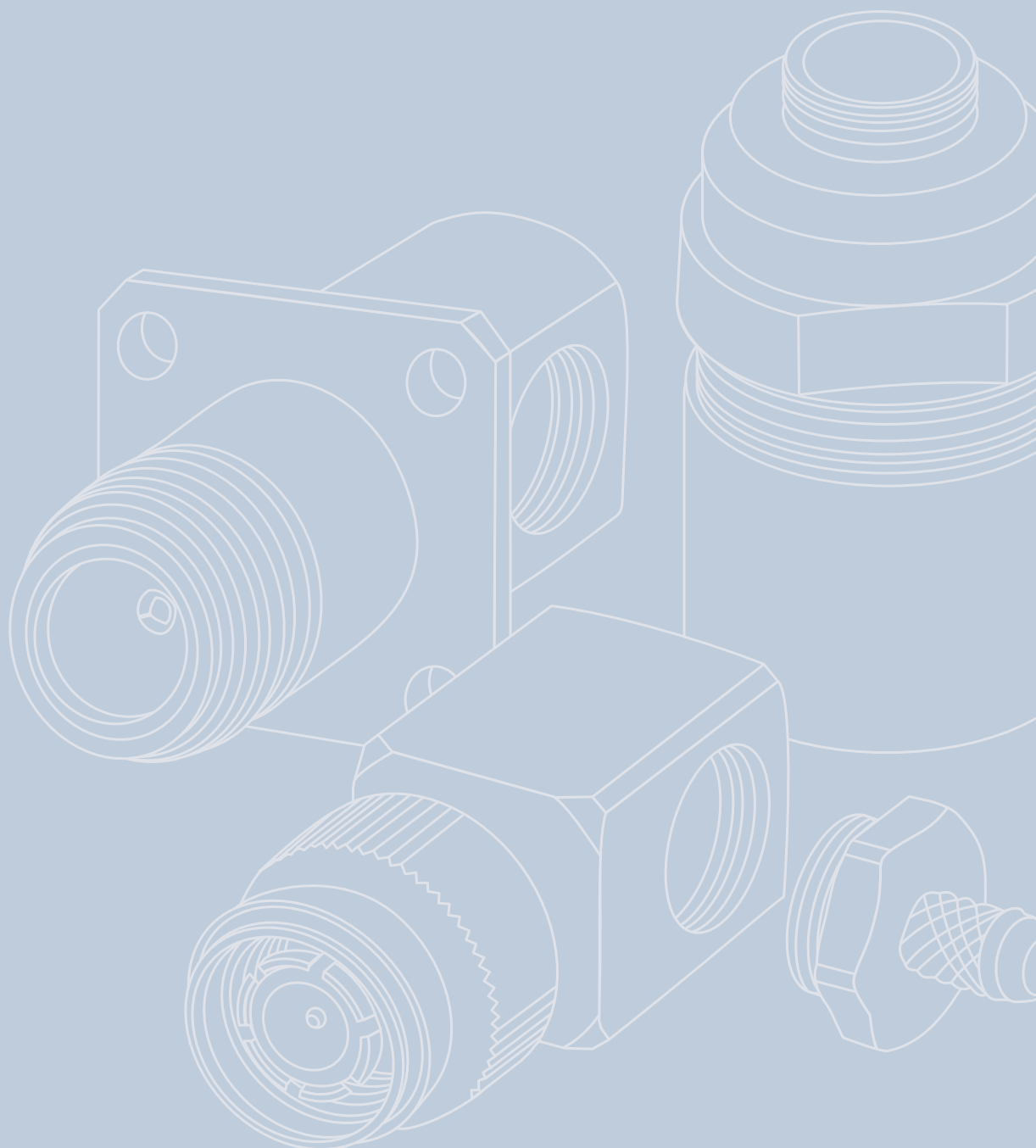
7-16 Jumper Cables 1/2" for Mobile Radio Base Stations, IP 68, Jack - Angle Plug
7-16 Jumper-Kabel 1/2" für Basisstationen, IP 68, Buchse - Winkelstecker



Order no. Bestell-Nr.	Length Länge	Remarks Anmerkungen
L00010D0567	0,5	JMPS/0512
L00010D0568	1,0	JMPS/1012
L00011D0188	1,5	JMPS/1512
L00011D0189	2,0	JMPS/2012
L00012D0067	2,5	JMPS/2512
L00012D0068	3,0	JMPS/3012
L00013D0063	4,0	JMPS/4012
L00013D0064	5,0	JMPS/5012

RF Combination Connectors and Cable Clamps

HF-Kombiniersteckverbinder und Kabelabfangungen





RF Combination Connectors and Cable Clamps

HF-Kombiniersteckverbinder und Kabelabfangungen

Contents

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14.3	Combination Panel Jack	265
14.4	Combination Bulkhead Jack	266
14.5	Cable Clamp	266
14.6	Cable Clamp Crimp	268

Übersicht

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14.6	Kabelabfangung Crimp	268

RF Combination Connectors and Cable Clamps

HF-Kombiniersteckverbinder und Kabelabfahrungen

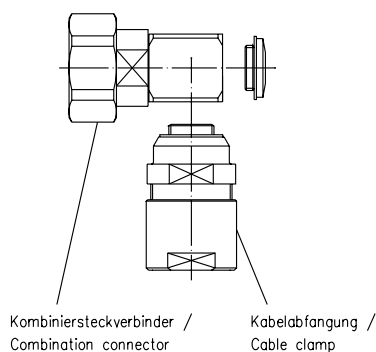
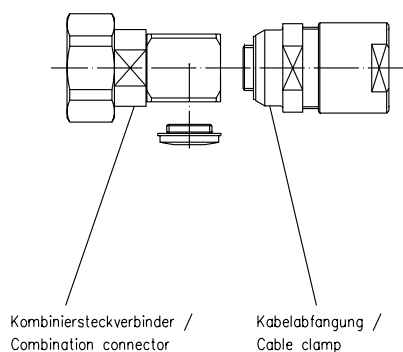
14

RF-Combination connectors of different connector series can be assembled as either straight or angle versions by using the corresponding clamps. With only one combination connector and the different cable clamps, a variety of connectors can be produced allowing a reduction in stock-levels. The technical specifications can be obtained from the descriptions in the respective chapters for each series.

HF-Kombiniersteckverbinder der verschiedenen Serien können mit den dazugehörigen Kabelabfahrungen gerade oder winkelig montiert werden. Mit nur einem Kombi-niersteckverbinder und den verschiedenen Kabelabfahrungen kann bei geringer Lagerhaltung eine Vielzahl von Verbindungen hergestellt werden. Die technischen Eigenschaften können den Beschreibungen in den jeweiligen Kapiteln der Serien entnommen werden.

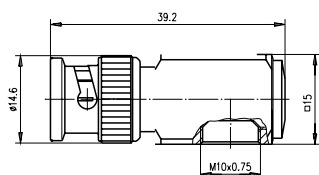
Gerade Ausführung / Straight style

Winkel Ausführung / Angle style

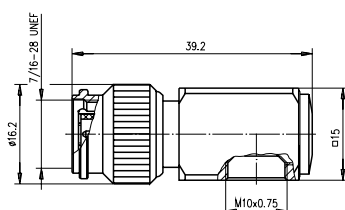


Combination Plug Normkopfstecker

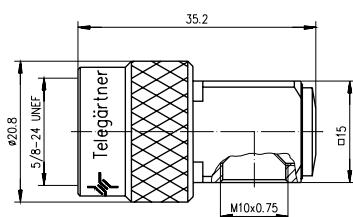
14.1



Order no.	Z	Series	Finish
Bestell-Nr.	Z	Serie	Oberfläche
J01000A1192	50	BNC	Nickel



Order no.	Z	Series	Finish
Bestell-Nr.	Z	Serie	Oberfläche
J01010A1196	50	TNC	Nickel

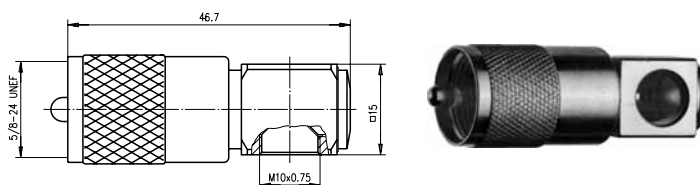


Order no.	Z	Series	Finish
Bestell-Nr.	Z	Serie	Oberfläche
J01020A0120	50	N	Telealloy (white bronze)

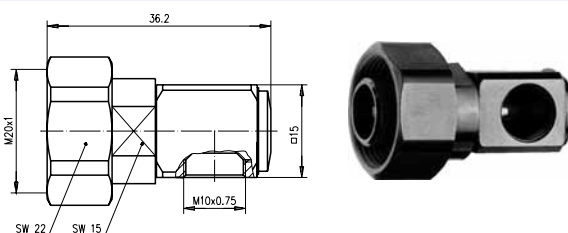
14.1

14.1

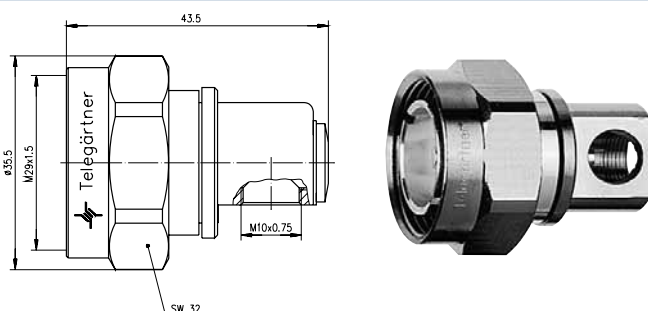
Combination Plug Normkopfstecker



Order no. Bestell-Nr.	Series Serie	Finish Oberfläche
J01040A1200	UHF	Ag/Ag



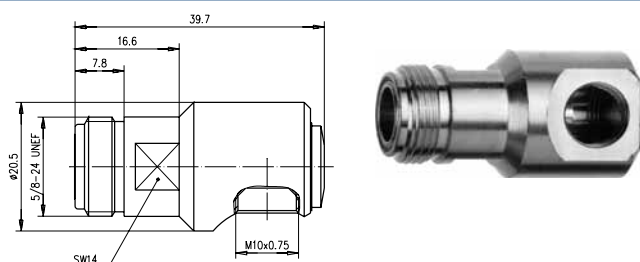
Order no. Bestell-Nr.	Z	Series Serie	Finish Oberfläche
J01100A1207	50	4.1/9.5	Ag/Ag



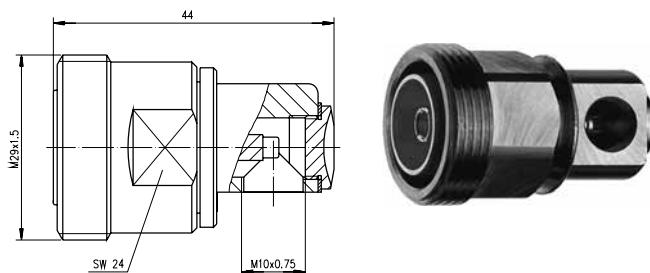
Order no. Bestell-Nr.	Z	Series Serie	Finish Oberfläche
J01120A1157	50	7/16	Telealloy (white bronze)

14.2

Combination Jack Normkopfbuchse



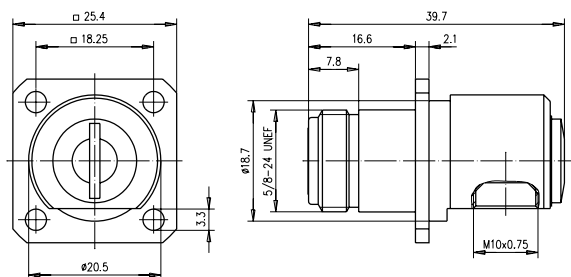
Order no. Bestell-Nr.	Z	Series Serie	Finish Oberfläche
J01021H0104	50	N	Telealloy (white bronze)



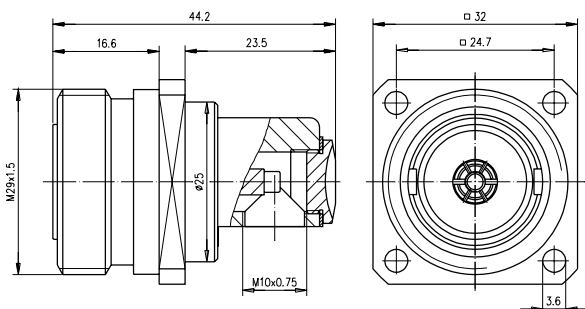
Order no.	Z	Series	Finish
Bestell-Nr.	Z	Serie	Oberfläche
J01121A1162	50	7/16	Tealloy (white bronze)

Combination Panel Jack Normkopfbuchse mit Flansch

14.3



Order no.	Z	Series	Finish	Mount. dim.
Bestell-Nr.	Z	Serie	Oberfläche	Einbaumaß
J01021H0103	50	N	Tealloy (white bronze)	Z08



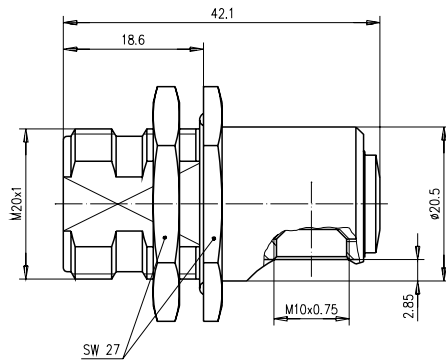
Order no.	Z	Series	Finish	Mount. dim.
Bestell-Nr.	Z	Serie	Oberfläche	Einbaumaß
J01121B0049	50	7/16	Ag/Ag	Z12

14 RF Combination Connectors and Cable Clamps

HF-Kombiniersteckverbinder und Kabelabfangungen

14.4

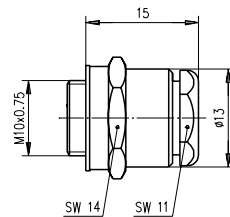
Combination Bulkhead Jack Normkopfeinbaubuchse



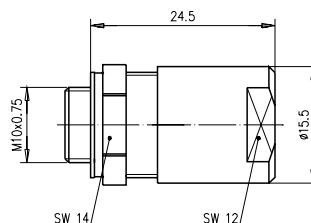
Order no. Bestell-Nr.	Z	Series Serie	Finish Oberfläche	Mount. dim. Einbaumaß
J01101A0005	50	4.1/9.5	Ag/Ag	Z59

14.5

Cable Clamp Kabelabfangung



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
H01010A0670	G1 (RG-58C/U); G5 (RG-223/U); 1.0/2.95 AF	Telealloy (white bronze)	MIL-clamp MIL-Verschraubung	D01
H01010B0670	G1 (RG-58C/U); G5 (RG-223/U); 1.0/2.95 AF	Ag/Ag	MIL-clamp MIL-Verschraubung	D01
H01011A0000	G2 (RG-59B/U)	Telealloy (white bronze)	MIL-clamp MIL-Verschraubung	D01

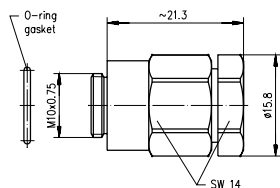


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
H01011A0676	G 05232; 0.7/4.8; 1.5/4.8	Telealloy (white bronze)	pressure sleeve Druckverschraubung	D03

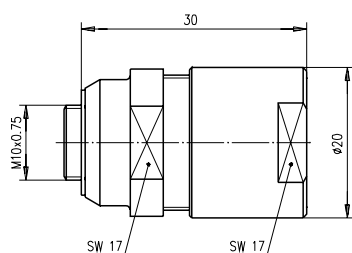
RF Combination Connectors and Cable Clamps

HF-Kombiniersteckverbinder und Kabelabfangungen

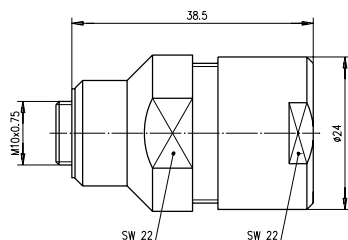
14



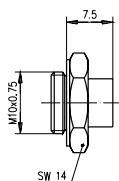
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
H01011A0008	G20 (1/4")	Ag/Ag	pressure sleeve Druckverschraubung	D07



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
H01012B0672	RG-213/U; RG-11A/U; AA-5886	Telealloy (white bronze)	pressure sleeve Druckverschraubung	D04
H01012A0672	G42 (2.7/7.1); RG-213/U; RG-11A/U; AA-5886, 213 RT5 Eupen	Telealloy (white bronze)	pressure sleeve Druckverschraubung	D04
H01012A0000	G32 (RG-216 /U); RG-214/U; RG-393/U	Telealloy (white bronze)	pressure sleeve Druckverschraubung	D04



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
H01012A0673	RG-217/U; 2.3/10	Telealloy (white bronze)	pressure sleeve Druckverschraubung	D05

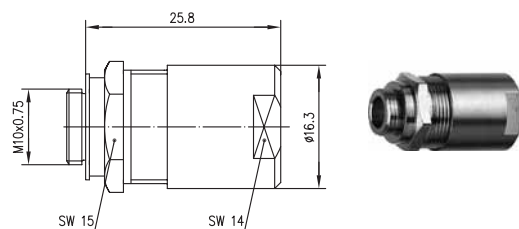


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Assembly Montage
H01010A0001	G10 (UT-141)	Ag/Ag	D08
H01011A0006	G9 (UT-250)	Ag/Ag	D08

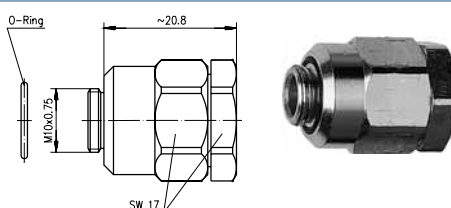
14.5

14.5

Cable Clamp Kabelabfangung



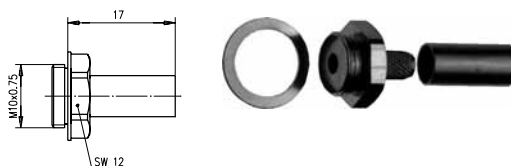
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
H01011A0671	1.0/6.6 2YCY; 1.6/6.5 2YCY	Telealloy (white bronze)	pressure sleeve Druckverschraubung	D02



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Remarks Anmerkungen	Assembly Montage
H01012A0005	SCF 38-50J	Ag/Ag	pressure sleeve Druckverschraubung	D07

14.6

Cable Clamp Crimp Kabelabfangung Crimp



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Finish Oberfläche	Assembly Montage	Crimp die Crimpeinsatz
H01010A0678	G1 (RG-58C/U)	Telealloy (white bronze)	D0105	N01001A0005
H01011A0677	G5 (RG-223/U)	Telealloy (white bronze)	D0105	N01001A0005
H01011B0677	G5 (RG-223/U)	Ag	D0105	N01001A0005
H01011A0002	G2 (RG-59B/U); G30 (1.5/3.8); CA-241; RG-62 A/U	Telealloy (white bronze)	D0106	N01001A0007
H01012A0679	G42 (2.7/7.1); RG-213 /U; AA-5886; 213 RT5 Eupen	Telealloy (white bronze)	D0512	N01001D1274
H01012A0680	G37 (2.7/7.25)	Telealloy (white bronze)	D0512	N01001D1274
H01012A0001	RG-214 /U; RG-393/U	Telealloy (white bronze)	D0512	N01001D1274

Reverse Polarised Connectors R-TNC, R-SMA, R-BNC

**Reverse polarisierte Steckverbinder
R-TNC, R-SMA, R-BNC**





Reverse Polarised Connectors R-TNC, R-SMA, R-BNC

Reverse polarisierte Steckverbinder R-TNC, R-SMA, R-BNC

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Reverse Polarised Connectors R-TNC, R-SMA, R-BNC

Reverse polarisierte Steckverbinder R-TNC, R-SMA, R-BNC

15

The term "reverse-polarised connectors" is used where, for example, a standard cable plug has a female centre contact, instead of a male centre contact. Reverse-polarised connectors are very popular in WLAN applications and are available in three different series:

R-SMA connectors are supplied with a threaded coupling, are vibration resistant and can be used up to frequencies of over 6 GHz (depending on type). The impedance is controlled at 50 ohm.

R-TNC connectors are supplied with a threaded coupling, are vibration resistant and can be used up to frequencies of over 6 GHz. The impedance is controlled at 50 ohm. Connector designs are available for RG-58 and RG-174 cable types.

R-BNC connectors are supplied with a bayonet coupling. Connector designs are available with crimp cable termination. Mating face sealing for series R-SMA and R-TNC between plug and jack (mated) meet IP 68 requirements; series R-BNC meets IP 54 requirements.

Von Steckverbindern mit einer reversen Polarität spricht man, wenn z.B. bei einem Standard-Kabelstecker der Innenleiter nicht als Stift sondern als Buchse ausgeführt ist. Steckverbinder mit reverser Polarität werden überwiegend im WLAN-Bereich und dort in drei Serien angeboten:

Steckverbinder der Serie R-SMA verfügen über einen Schraubverschluss, sind vibrationsfest und können je nach Ausführung bis zu einer Frequenz von 6 GHz eingesetzt werden. Der Wellenwiderstand beträgt 50 Ohm.

Serie R-TNC Steckverbinder verfügen über einen Schraubverschluss, sind vibrationsfest und können bis zu einer Frequenz von 6 GHz eingesetzt werden. Es werden Ausführungen mit 50 Ohm Wellenwiderstand für die Kabel RG-58 und RG-174 angeboten.

Serie R-BNC Steckverbinder entsprechen der Serie R-TNC, haben jedoch einen Bayonettverschluss. Die Kabel werden durch Crimpen angeschlossen. Steckverbinder der Serien R-SMA und R-TNC sind im Steckgesicht zwischen Stecker und Buchse im gesteckten Zustand querdicht gemäß IP 68 - die Serie R-BNC gemäß IP 54.

Mechanical Characteristics

Durability (mating cycles)	≥ 500	Lebensdauer (Steckungen)
Recommended coupling torque	R-SMA: 79 - 113 Ncm; R-TNC: 46 - 69 Ncm	Empfohlenes Kupplungsdrehmoment
Material: Spring contacts	R-SMA: CuBe2; R-TNC/R-BNC: CuBe2, CuPb1.15Ni1(C97)	Werkstoff: Federnde Kontaktteile
Material: Solid contact parts	R-SMA: CuZn39Pb3	Werkstoff: Nichtfedernde Kontaktteile
Material: Crimp ferrule	R-SMA: CU / CuZn39Pb3	Werkstoff: Crimprohr
Material: Serrated lock washer	CuSn6	Werkstoff: Fächerscheibe
Material: Insulators	PTFE	Werkstoff: Isolierteile
Material: Gaskets	Silicon	Werkstoff: Dichtungen
Material: Outer conductor	CuZn39Pb3	Werkstoff: Außenleiter
Material: Other metal parts	CuZn39Pb3	Werkstoff: Sonstige Metallteile
Finish: Inner conductor	R-SMA: Cu1Ni2Au1.27; R-TNC / R-BNC: Cu1Ni2Au0.8	Oberfläche: Innenleiter
Finish: Outer conductor	R-SMA: Cu1Ni2Au0.8; R-TNC / R-BNC: Cu2Ni5	Oberfläche: Außenleiter
Finish: Other metal parts	R-SMA: Cu1Ni2Au0.2; R-TNC / R-BNC: Cu2Ni5	Oberfläche: Sonstige Metallteile

Mechanische Eigenschaften

Climatic Characteristics

Climatic category acc. to IEC 68 - 1	R-SMA: 55/155/56	Prüfklasse nach DIN IEC 68 Teil 1
Types with PTFE insulator	R-TNC / R-BNC: 40/155/21	Typen mit PTFE Isolierung

Thermische und klimatische Eigenschaften

Electrical Characteristics

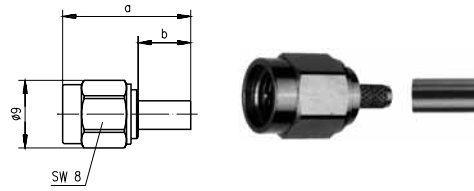
Impedance	50 Ω	Wellenwiderstand
Working voltage	R-SMA: ≤ 335 V/50 Hz; R-TNC / R-BNC: ≤ 500 V _{eff} /50 Hz	Betriebsspannung
Contact resistance inner conductor	R-SMA: ≤ 3 mΩ; R-TNC: ≤ 10 mΩ; R-BNC: ≤ 20 mΩ	Durchgangswiderstand Innenleiter
Contact resistance outer conductor	R-SMA: ≤ 2 mΩ; R-TNC: ≤ 2.5 mΩ; R-BNC: ≤ 5 mΩ	Durchgangswiderstand Außenleiter
Insulation resistance	≥ 5 GΩ	Isolationswiderstand
Frequency range up to	R-BNC: 4 GHz; R-SMA: 6 GHz; R-TNC: 6 GHz	Frequenzbereich bis

Elektrische Eigenschaften

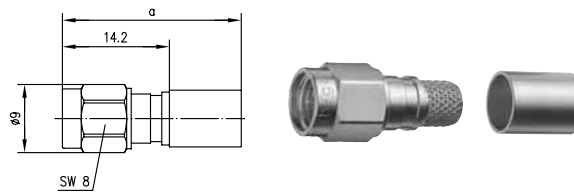
Reverse Polarised Connectors R-TNC, R-SMA, R-BNC Reverse polarisierte Steckverbinder R-TNC, R-SMA, R-BNC

15.1

R-SMA Straight Plug Crimp R-SMA-Kabelstecker Crimp



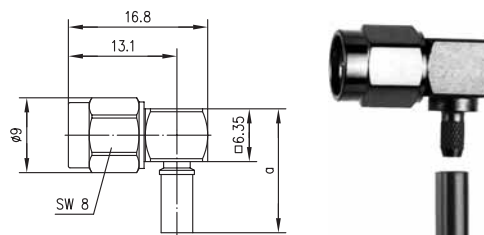
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01150R0011	50	G7 (RG-316/U)	solder/crimp löt/crimp	a=17, b=7	C3703	N01001A0009
J01150R0001	50	G1 (RG-58C/U)	solder/crimp löt/crimp	a=23.3, b=13	C3705	N01001A0005



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01150R0051	50	G30 (1.5/3.8)	solder/crimp löt/crimp	a=23.7	C2706	N01001A0007

15.2

R-SMA Angle Plug Crimp R-SMA-Winkelstecker Crimp



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01150R0031	50	G7 (RG-316/U)	solder/crimp löt/crimp	a=14.9	C0403	N01001A0009
J01150R0021	50	G1 (RG-58C/U)	solder/crimp löt/crimp	a=21	C0405	N01001A0005

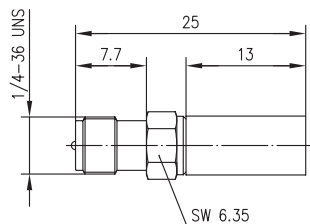
Reverse Polarised Connectors R-TNC, R-SMA, R-BNC

Reverse polarisierte Steckverbinder R-TNC, R-SMA, R-BNC

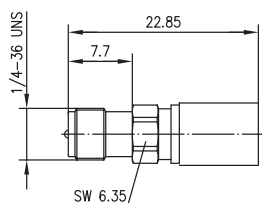
15

R-SMA Straight Jack Crimp R-SMA-Kabelbuchse Crimp

15.3



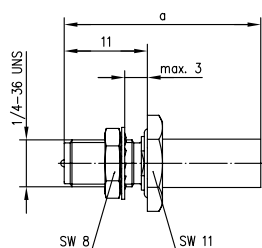
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01151R0031	50	G7 (RG-316/U)	solder/crimp löt/crimp	C3803	N01001A0009
J01151R0021	50	G1 (RG-58C/U)	solder/crimp löt/crimp	C3805	N01001A0005



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01151R0051	50	G30 (1.5/3.8)	crimp/crimp	C2706	N01001A0007

R-SMA Bulkhead Jack Crimp R-SMA-Kabeleinbaubuchse Crimp

15.4



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
J01151R0011	50	G7 (RG-316/U)	solder/crimp löt/crimp	a=22,1	Z27	C4003	N01001A0009
J01151R0001	50	G1 (RG-58C/U)	solder/crimp löt/crimp	a=26	Z27	C4005	N01001A0005

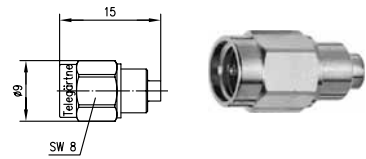
15 Reverse Polarised Connectors R-TNC, R-SMA, R-BNC

Reverse polarisierte Steckverbinder R-TNC, R-SMA, R-BNC

15.5

R-SMA Termination Plug

R-SMA-Abschlusswiderstand

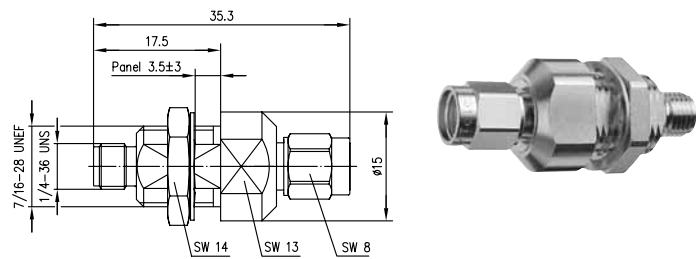


Order no. Bestell-Nr.	Mount. dim. Einbaumaß
J01152R0011	23 dB / 6 GHz

15.6

R-SMA Surge Suppressor

R-SMA-Überspannungsableiter

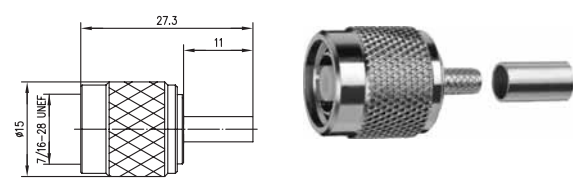


Order no. Bestell-Nr.	Technical Information Technische Daten	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01158R0001	150 - 250 V DC	m-f with gas discharge, frequency range up to 6 GHz Sti-Bu mit Gasentladungsableiter; Frequenzbereich bis 6 GHz	Z03

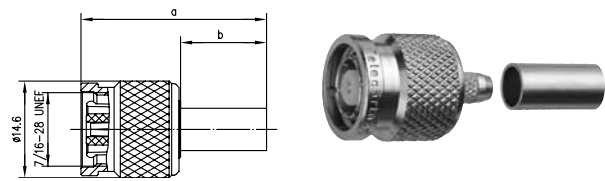
15.7

R-TNC Straight Plug Crimp

R-TNC-Kabelstecker Crimp



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01010R0001	50	G7 (RG-316/U)	crimp/crimp	A3404	N01001L1274



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01010R0000	50	G1 (RG-58C/U)	crimp/crimp	a=28; b=13	A3405	N01001A0005
J01010R0005	50	G30 (1.5/3.8)	crimp/crimp	a=31; b=13	A3406	N01001A0005

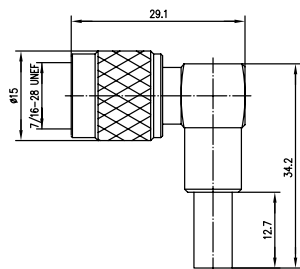
Reverse Polarised Connectors R-TNC, R-SMA, R-BNC

Reverse polarisierte Steckverbinder R-TNC, R-SMA, R-BNC

15

R-TNC Angle Plug Crimp R-TNC-Winkelstecker Crimp

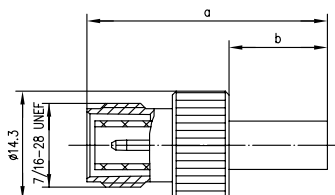
15.8



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01010R0002	50	G1 (RG-58C/U)	crimp/crimp; frequency range up to 4 GHz crimp/crimp; Frequenzbereich bis 4 GHz	A3805	N01001A0005

R-TNC Straight Jack Crimp R-TNC-Kabelbuchse Crimp

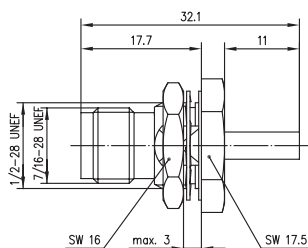
15.9



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Assembly Montage	Crimp die Crimpeinsatz
J01011R0003	50	G1 (RG-58C/U)	crimp/crimp	a=31.8, b=13	A3905	N01001A0005
J01011R0006	50	G30 (1.5/3.8)	crimp/crimp	a=31.3, b=13	A3906	N01001A0007

R-TNC Bulkhead Jack Crimp R-TNC-Kabeleinbaubuchse Crimp

15.10



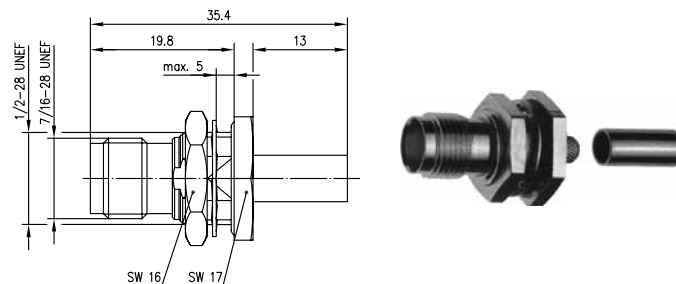
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz	Mount. dim. Einbaumaß
J01011R0001	50	G7 (RG-316/U)	crimp/crimp	A3704	N01001L1274	Z04

15.10

Reverse Polarised Connectors R-TNC, R-SMA, R-BNC Reverse polarisierte Steckverbinder R-TNC, R-SMA, R-BNC

15.10

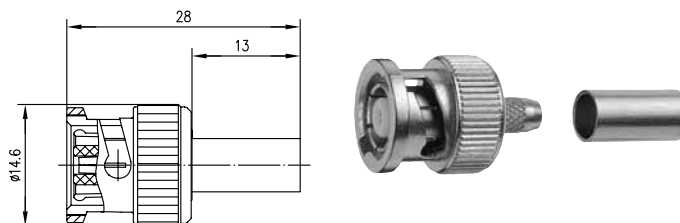
R-TNC Bulkhead Jack Crimp R-TNC-Kabeleinbaubuchse Crimp



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01011R0000	50	G1 (RG-58C/U)	crimp/crimp	A3705	N01001A0005

15.11

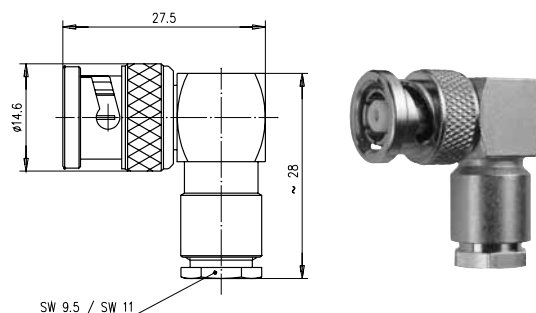
R-BNC Straight Plug Crimp R-BNC-Kabelstecker Crimp



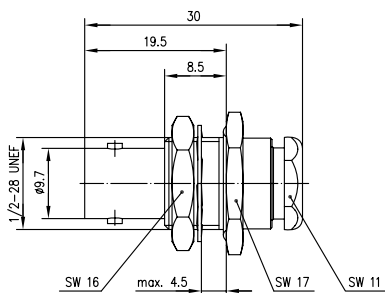
Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01000R0000	50	G1 (RG-58C/U)	crimp/crimp	A3405	N01001A0005

15.12

R-BNC Angle Plug R-BNC-Kabelwinkelstecker

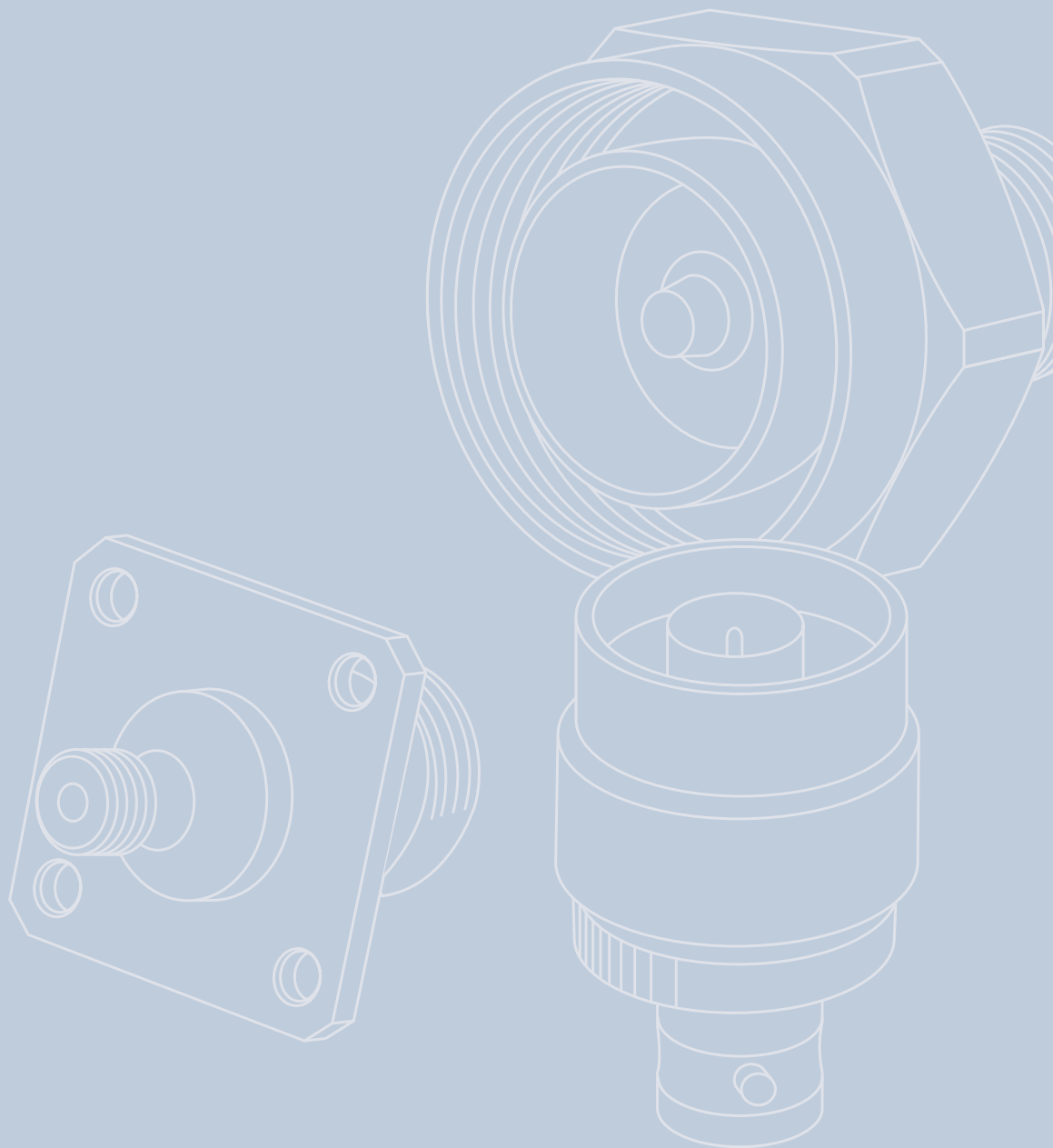


Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01000R0004	50	G1 (RG-58C/U)	MIL-clamp MIL-Verschraubung	A06



Order no. Bestell-Nr.	Z Z	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage
J01001R0002	50	G1 (RG-58C/U)	MIL-clamp; IP 54 MIL-Verschraubung; IP 54	Z04	A11

Inter-Series Adaptors **Adapter zwischen den Serien**





Inter-Series Adaptors

Adapter zwischen den Serien

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50 Ohm		BNC		TNC		N		UHF		MiniUHF		M		7-16		4/13		FME	
		m	f	m	f	m	f	m	f	m	f	m	f	m	f	m	f	m	f
BNC	m	J01004 A0806	J01004 A0617	J01008 A0011	J01008 B0010		J01008 A0824		* 4		J01008 F0073							* 6	
	f	J01004 A0617	* 1	J01019 B0000	J01008 A0012	J01008 A0825	J01008 A0088	J01008 A0801	* 5	* 13						J01008 A0802		J01008 F0068	J01008 A0070
TNC	m	J01008 A0011	J01019 B0000	J01014 A2806	J01014 A0001		J01019 A0008		J01019 A0003		J01019 F0019							* 7	
	f	J01008 B0010	J01008 A0012	J01014 A0001	* 2	J01019 A0007	J01019 A0025	J01019 A0002		* 14									
N	m		J01008 A0825		J01019 A0007	J01024 J1094	J01024 J1096		J01043 A0832		J01027 F0012							* 8	
	f	J01008 A0824	J01008 A0088	J01019 A0008	J01019 A0025	J01024 J1096	* 3	J01043 A0831		J01027 F0011									
UHF	m		J01008 A0801		J01019 A0002		J01043 A0831	J01042 A0653	J01042 F0652		J01043 F0002							J01043 A0000	
	f	* 4	* 5	J01019 A0003		J01043 A0832		J01042 F0652	J01042 A0637	J01043 F0001									
MiniUHF	m		* 13		* 14		J01027 F0011		J01043 F0001		J01047 F0000							* 9	
	f	J01008 F0073		J01019 F0019		J01027 F0012		J01043 F0002			J01047 F0001							J01048 F0001	
M	m																	J01053 A0000	
	f																		
7-16	m					J01122 A0009	J01122 A0010							J01123 A0000	* 18				
	f					* 17	J01122 A0008							* 18	* 16				
4/13	m		J01008 A0802																
	f																		
FME	m	* 6	J01008 F0068	* 7		* 8		J01043 A0000		* 9	J01048 F0001	J01053 A0000						* 19	
	f		J01008 A0070																
SMB	m	J01008 F0038	J01008 F0033																
	f	J01008 F0030	J01008 F0013																
SMA	m	J01008 A0018	J01008 A0025			J01027 A0019	J01027 A0016											J01703 A0009	
	f	J01008 A0017	J01008 A0019		J01019 A0028	J01027 A0018	* 10											J01703 A0000	
R-SMA	m																		
	f																		
MCX	m																		
	f				* 11														
1.6/5.6	m	J01008 A0810	J01008 A0812																
	f	J01008 A0813	J01008 A0811																
Cinch	m		J01008 A0838																
	f	J01008 A0839																	
F	m		J01008 A0031																
	f	J01008 A0023	J01008 A0021																
U.FL	m																		
	f																		

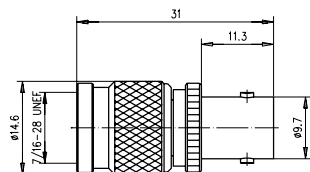
verschiedene Bauformen / various construction types

* 1	* 2	* 3	* 4	* 5	* 6	* 7	* 8	* 9	* 10	* 11	* 12	* 13	* 14	* 15	* 16	* 17	* 18	* 19
J01004 A0618	J01014 A2618	J01024 A0004	J01008 A0803	J01008 A0024	J01008 A0014	J01019 A0004	J01027 A0013	J01048 A0000	J01027 A0017	J01019 A0005	J01005 A1229	J01008 F0072	J01019 A0020	J01154 A000*	J01123 A0001	J01122 A0011	J01123 A0004	J01702 A0000
J01004 A1231	J01014 A0004	J01024 A0005			J01008 F0014	J01019 F0004	J01027 A0020	J01048 A0002	J01027 A0008	J01019 A0024	J01005 A1232	J01008 A0074	J01019 F0018	J01154 A001*	J01123 A0002	J01122 A0012	J01123 A0006	J01702 A0001
J01004 A1233	J01014 A2233	J01024 A0006			J01008 A0059	J01019 A0012		J01048 F0000			J01005 A1234			J01154 A004*	J01123 A0003			
J01004 A1333					J01008 F0059			J01048 F0001			J01005 A1334				J01123 A0007			
J01004 A0003								J01048 F0002										

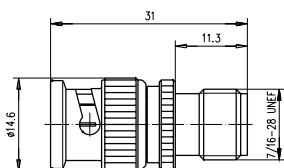
Inter-Series Adaptors Adapter zwischen den Serien

50 Ohm		SMB		SMA		R-SMA		MCX		1.6/5.6		Cinch		F		U.FL	
		m	f	m	f	m	f	m	f	m	f	m	f	m	f	m	f
BNC	m	J01008 F0038	J01008 F0030	J01008 A0018	J01008 A0017					J01008 A0810	J01008 A0813		J01008 A0839		J01008 A0023		
	f	J01008 F0033	J01008 F0013	J01008 A0025	J01008 A0019					J01008 A0812	J01008 A0811	J01008 A0838		J01008 A0031	J01008 A0021		
TNC	m																
	f				J01019 A0028			* 11									
N	m			J01027 A0019	J01027 A0018												
	f			J01027 A0016	* 10												
UHF	m																
	f																
MiniUHF	m																
	f																
M	m																
	f																
7-16	m																
	f																
4/13	m																
	f																
FME	m			J01703 A0009	J01703 A0000												
	f																
SMB	m																
	f																
SMA	m			J01154 A003*	J01154 A002*												
	f			J01154 A002*	* 15												
R-SMA	m																
	f															J01155 R0061	
MCX	m																
	f																
1.6/5.6	m									J01074 A1704							
	f										J01074 B1705						
Cinch	m																
	f																
F	m																
	f																
U.FL	m						J01155 R0061										
	f																

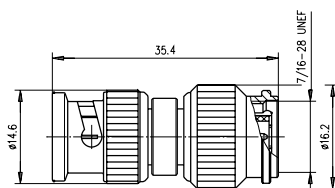
75 Ohm		BNC		TNC	
		m	f	m	f
BNC	m	J01005 A1230	J01005 A1237		
	f	J01005 A1237	* 12		
TNC	m				
	f				J01015 A2229



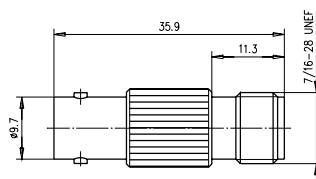
Order no. Bestell-Nr.	Remarks Anmerkungen
J01019B0000	f-m Bu-Sti



Order no. Bestell-Nr.	Remarks Anmerkungen
J01008B0010	m-f Sti-Bu

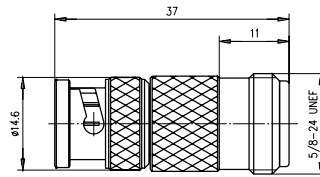


Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0011	m-m Sti-Sti

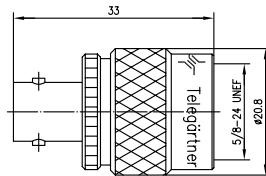


Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0012	f-f Bu-Bu

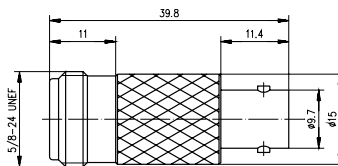
BNC to N BNC auf N



Order no. Bestell-Nr.	Remarks Anmerkungen	MIL-Std. MIL-Std.
J01008A0824	m-f Sti-Bu	UG-349 A/U

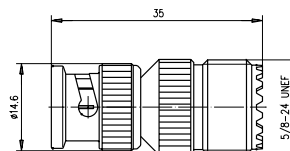


Order no. Bestell-Nr.	Remarks Anmerkungen	MIL-Std. MIL-Std.
J01008A0825	f-m Bu-Sti	UG-201/U

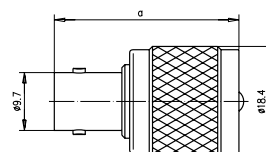


Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0088	f-f, centre contact Ag Bu-Bu, Innenleiter Ag

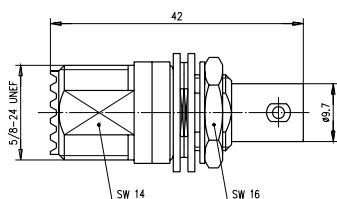
BNC to UHF BNC auf UHF



Order no. Bestell-Nr.	Remarks Anmerkungen	MIL-Std. MIL-Std.
J01008A0803	m-f Sti-Bu	UG-255/U



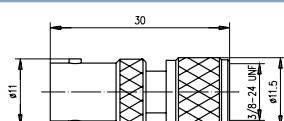
Order no. Bestell-Nr.	Remarks Anmerkungen	Dimensions Abmessungen	MIL-Std. MIL-Std.
J01008A0801	f-m Bu-Sti	a=31	UG-273/U



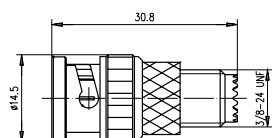
Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01008A0024	f-f, bulkhead type with insulating washers Bu-Bu, Einbautyp mit Isolierscheiben	Z52

BNC to Mini UHF BNC auf Mini-UHF

16.4



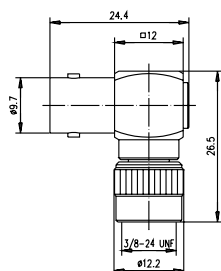
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008F0072	f-m Bu-Sti



Order no. Bestell-Nr.	Remarks Anmerkungen
J01008F0073	m-f Sti-Bu

Angle Adaptor BNC to Mini UHF Winkeladapter BNC auf Mini-UHF

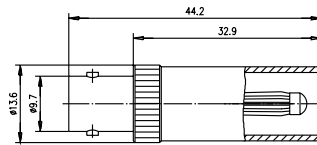
16.5



Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0074	f-m Bu-Sti

16.6

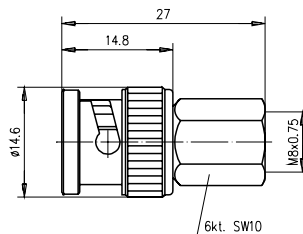
BNC to 4/13 BNC auf 4/13



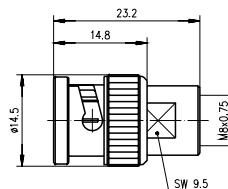
Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01008A0802	DIN 47283; f-m DIN 47283; Bu-Sti

16.7

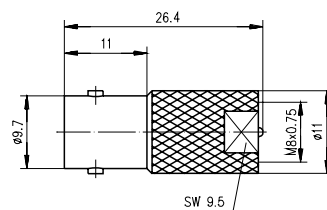
BNC to FME BNC auf FME



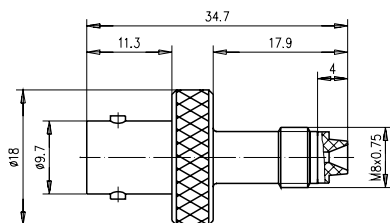
Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01008A0014	m-m Sti-Sti



Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01008F0014	m-m; Low cost type Sti-Sti; Low cost type



Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01008F0068	f-m Bu-Sti

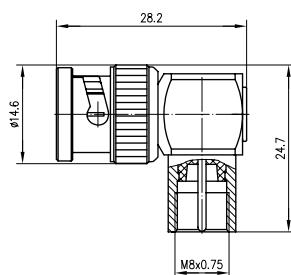


Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0070	f-f Bu-Bu

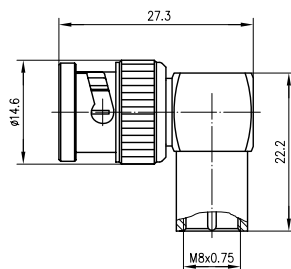
Angle Adaptor BNC to FME

Winkeladapter BNC auf FME

16.8

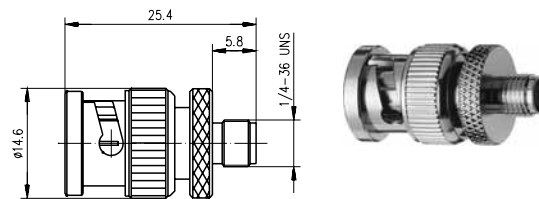


Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0059	m-m Sti-Sti

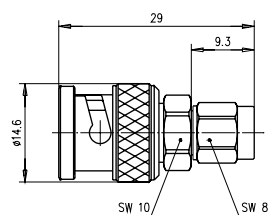


Order no. Bestell-Nr.	Remarks Anmerkungen
J01008F0059	m-m Sti-Sti

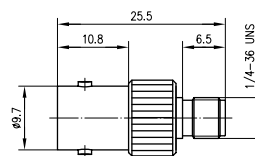
BNC to SMA BNC auf SMA



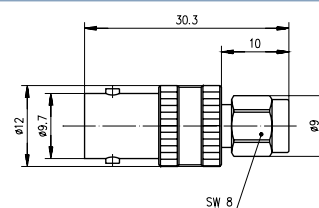
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0017	m-f, $r < 0.1/3$ GHz Sti-Bu, $r < 0.1/3$ GHz



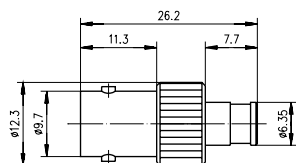
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0018	m-m, $r < 0.1/3$ GHz Sti-Sti, $r < 0.1/3$ GHz



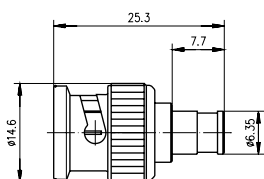
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0019	f-f, $r < 0.1/3$ GHz Bu-Bu, $r < 0.1/3$ GHz



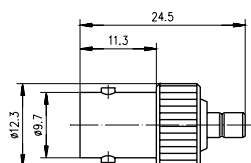
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0025	f-m, $r < 0.1/3$ GHz Bu-Sti, $r < 0.1/3$ GHz



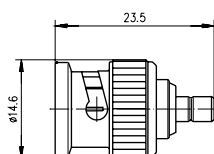
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008F0013	f-f Bu-Bu



Order no. Bestell-Nr.	Remarks Anmerkungen
J01008F0030	m-f Sti-Bu

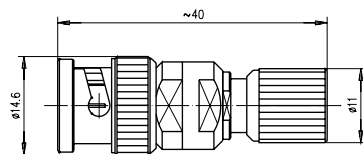


Order no. Bestell-Nr.	Remarks Anmerkungen
J01008F0033	f-m Bu-Sti

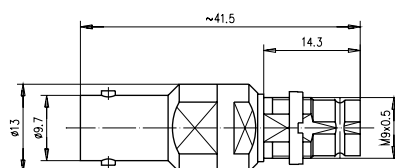


Order no. Bestell-Nr.	Remarks Anmerkungen
J01008F0038	m-m Sti-Sti

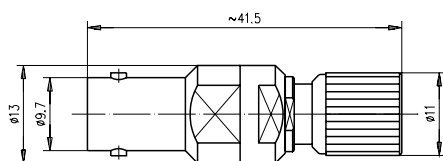
BNC to 1.6/5.6 BNC auf 1.6/5.6



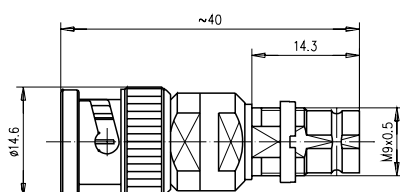
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0810	m-m Sti-Sti



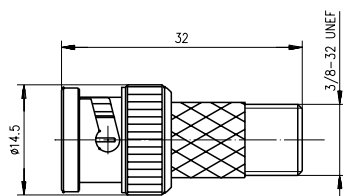
Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01008A0811	f-f Bu-Bu	Z32



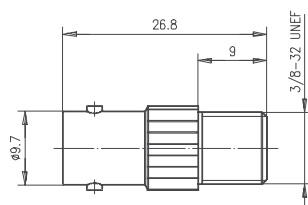
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0812	f-m Bu-Sti



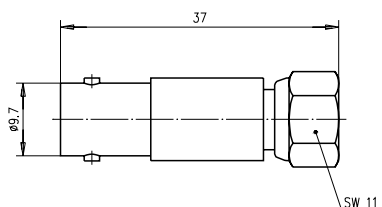
Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01008A0813	m-f Sti-Bu	Z32



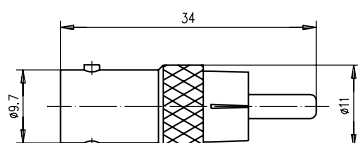
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0023	m-f Sti-Bu



Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0021	f-f Bu-Bu



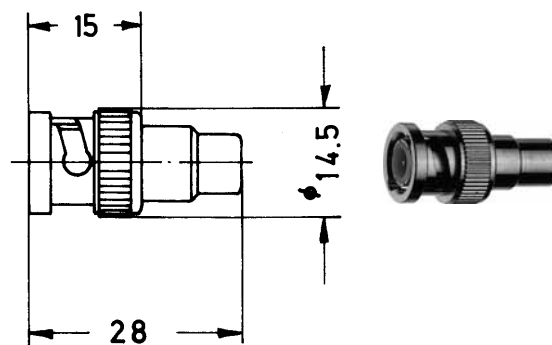
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0031	f-m Bu-Sti



Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0838	f-m Bu-Sti

16.13

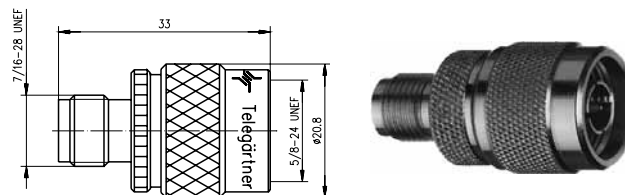
BNC to Cinch BNC auf Cinch



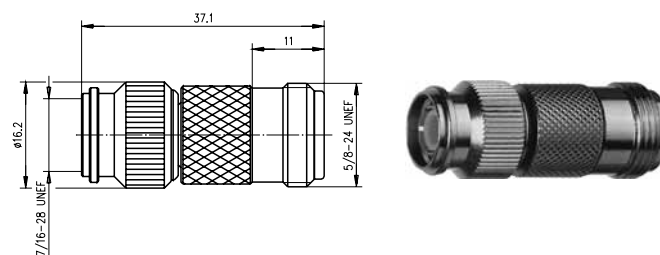
Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01008A0839	m-f Sti-Bu

16.14

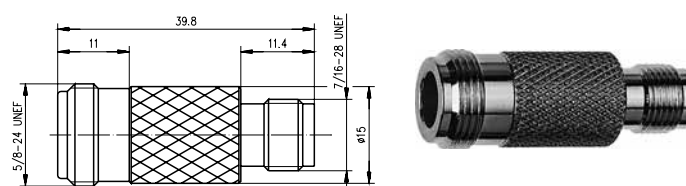
TNC to N TNC auf N



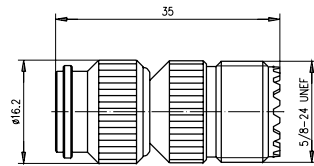
Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01019A0007	f-m Bu-Sti



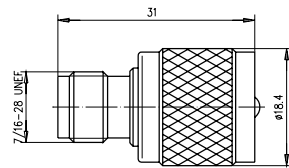
Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01019A0008	m-f Sti-Bu



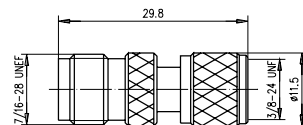
Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01019A0025	f-f Bu-Bu



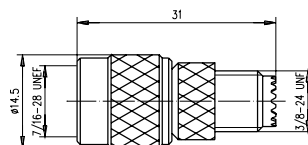
Order no. Bestell-Nr.	Remarks Anmerkungen
J01019A0003	m-f; TNC centre contact Ag Sti-Bu; TNC-Innenleiter Ag



Order no. Bestell-Nr.	Remarks Anmerkungen
J01019A0002	f-m Bu-Sti



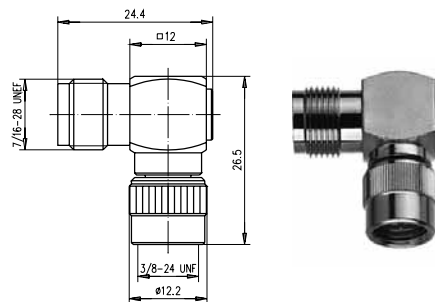
Order no. Bestell-Nr.	Remarks Anmerkungen
J01019F0018	f-m Bu-Sti



Order no. Bestell-Nr.	Remarks Anmerkungen
J01019F0019	m-f Sti-Bu

16.17

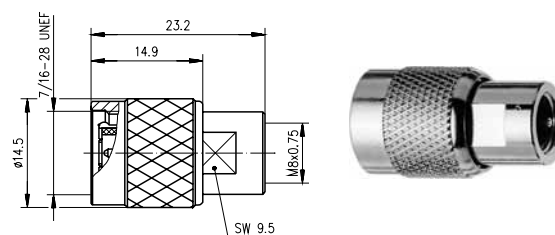
Angle Adaptor TNC to Mini UHF Winkeladapter TNC auf Mini-UHF



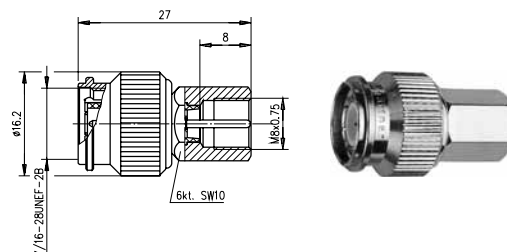
Order no. Bestell-Nr.	Remarks Anmerkungen
J01019A0020	f-m Bu-Sti

16.18

TNC to FME TNC auf FME



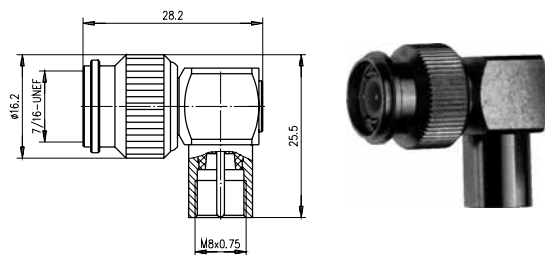
Order no. Bestell-Nr.	Remarks Anmerkungen
J01019F0004	m-m Sti-Sti



Order no. Bestell-Nr.	Remarks Anmerkungen
J01019A0004	m-m; inner conductor Ag Sti-Sti; Innenleiter Ag

Angle Adaptor TNC to FME Winkeladapter TNC auf FME

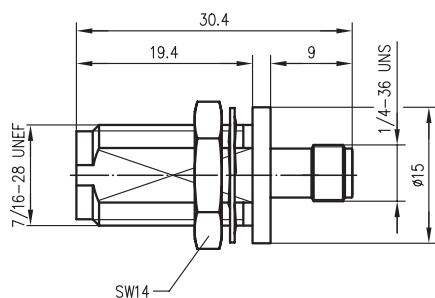
16.19



Order no. Bestell-Nr.	Remarks Anmerkungen
J01019A0012	m-m Sti-Sti

TNC to SMA TNC auf SMA mit Flansch

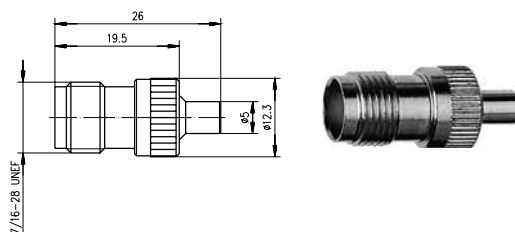
16.20



Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01019A0028	f-f; panel adaptor Bu-Bu; Einbautype	Z03

TNC to MCX TNC auf MCX

16.21

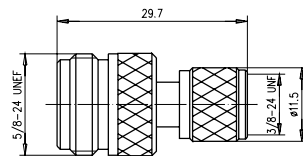


Order no. Bestell-Nr.	Remarks Anmerkungen
J01019A0024	f-f Bu-Bu

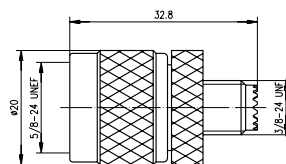
Inter-Series Adaptors Adapter zwischen den Serien

16.22

N to Mini UHF N auf Mini-UHF



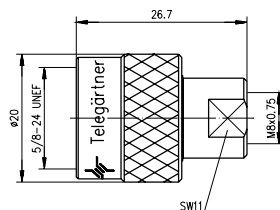
Order no. Bestell-Nr.	Remarks Anmerkungen
J01027F0011	f-m Bu-Sti



Order no. Bestell-Nr.	Remarks Anmerkungen
J01027F0012	m-f Sti-Bu

16.23

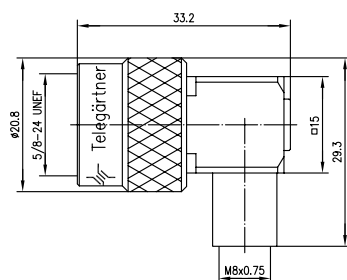
N to FME N auf FME



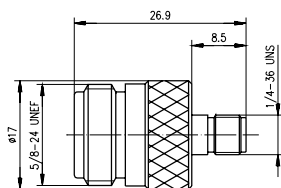
Order no. Bestell-Nr.	Remarks Anmerkungen
J01027A0013	m-m Sti-Sti

16.24

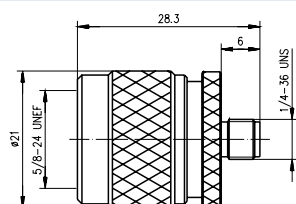
Angle Adaptor N to FME Winkeladapter N auf FME



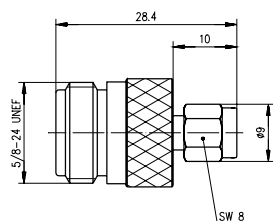
Order no. Bestell-Nr.	Remarks Anmerkungen
J01027A0020	m-m Sti-Sti



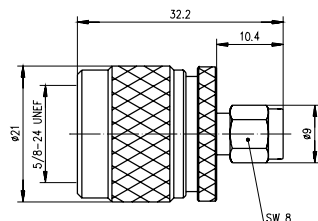
Order no. Bestell-Nr.	Remarks Anmerkungen
J01027A0017	f-f; 42 dB/1 GHz; 26 dB/6 GHz Bu-Bu; 42 dB/1 GHz; 26 dB/6 GHz



Order no. Bestell-Nr.	Remarks Anmerkungen
J01027A0018	m-f; 37 dB/1 GHz; 23 dB/6 GHz Sti-Bu; 37 dB/1 GHz; 23 dB/6 GHz

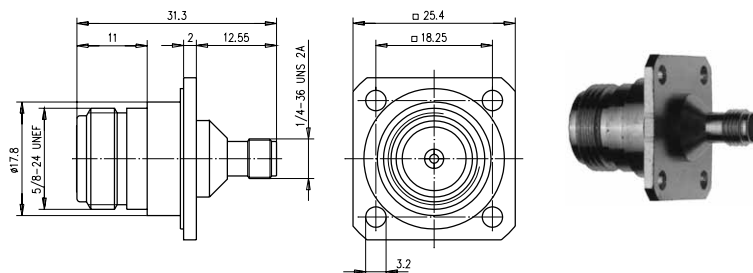


Order no. Bestell-Nr.	Remarks Anmerkungen
J01027A0016	f-m; 38 dB/1 GHz; 21 dB/6 GHz Bu-Sti; 38 dB/1 GHz; 21 dB/6 GHz

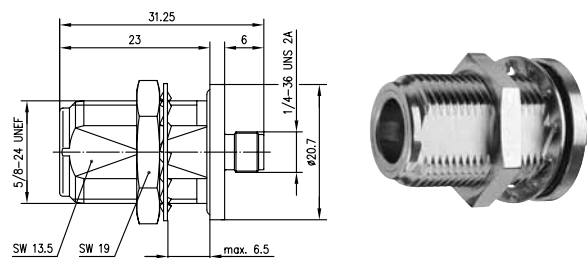


Order no. Bestell-Nr.	Remarks Anmerkungen
J01027A0019	m-m; 39 dB/1 GHz; 25 dB/6 GHz Sti-Sti; 39 dB/1 GHz; 25 dB/6 GHz

N to SMA N auf SMA

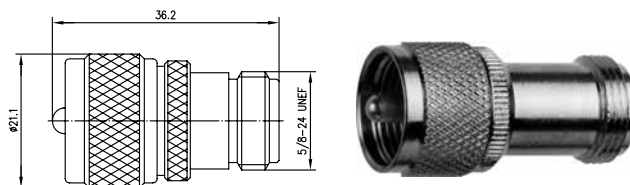


Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01027A0008	f-f; panel Bu-Bu; mit Flansch	Z53

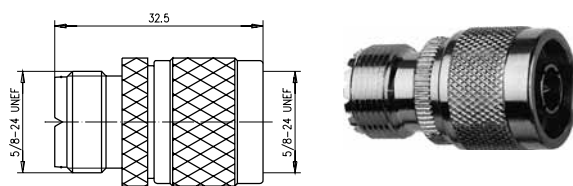


Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01027A0022	f-f; bulkhead adaptor Bu-Bu; Einbauadapter	Z10

UHF to N UHF auf N



Order no. Bestell-Nr.	Remarks Anmerkungen	MIL-Std. MIL-Std.
J01043A0831	m-f Sti-Bu	UG-83 B/U

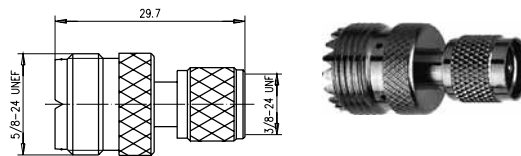


Order no. Bestell-Nr.	Remarks Anmerkungen	MIL-Std. MIL-Std.
J01043A0832	f-m Bu-Sti	UG-146 /U

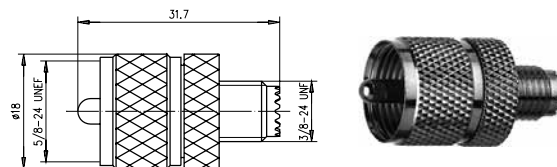
UHF to Mini UHF

UHF auf Mini-UHF

16.27



Order no. Bestell-Nr.	Remarks Anmerkungen
J01043F0001	f-m Bu-Sti

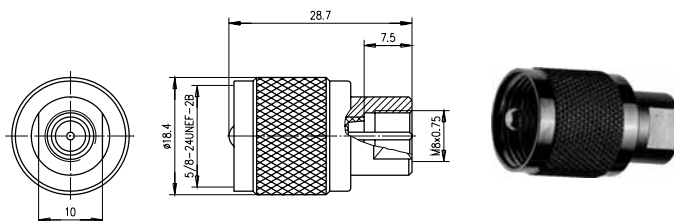


Order no. Bestell-Nr.	Remarks Anmerkungen
J01043F0002	m-f Sti-Bu

UHF to FME

UHF auf FME

16.28

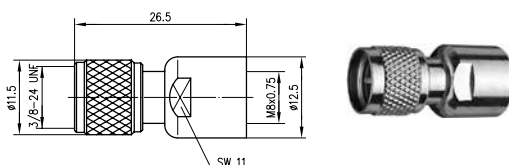


Order no. Bestell-Nr.	Remarks Anmerkungen
J01043A0000	m-m Sti-Sti

Mini UHF to FME

Mini-UHF auf FME

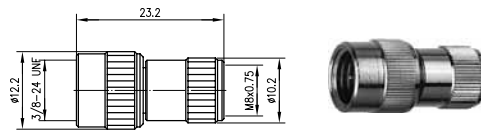
16.29



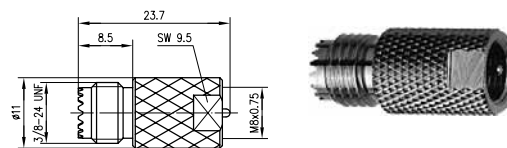
Order no. Bestell-Nr.	Remarks Anmerkungen
J01048F0000	m-m Sti-Sti

16.29

Mini UHF to FME Mini-UHF auf FME

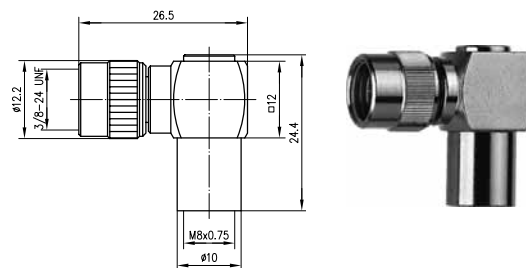


Order no. Bestell-Nr.	Remarks Anmerkungen
J01048A0000	m-m Sti-Sti

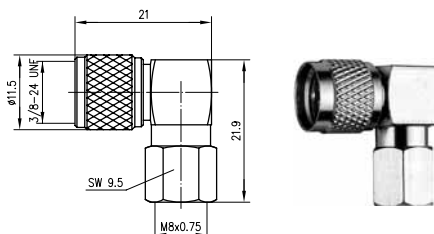


Order no. Bestell-Nr.	Remarks Anmerkungen
J01048F0001	f-m Bu-Sti

Angle Adaptor Mini UHF to FME Winkeladapter Mini-UHF auf FME



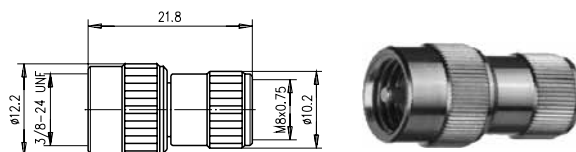
Order no. Bestell-Nr.	Remarks Anmerkungen
J01048A0002	m-m Sti-Sti



Order no. Bestell-Nr.	Remarks Anmerkungen
J01048F0002	m-m Sti-Sti

M to FME
M auf FME

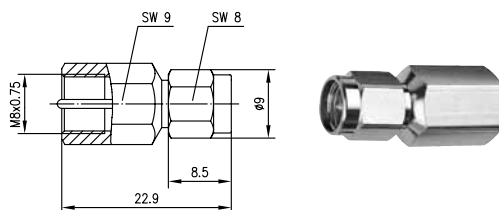
16.31



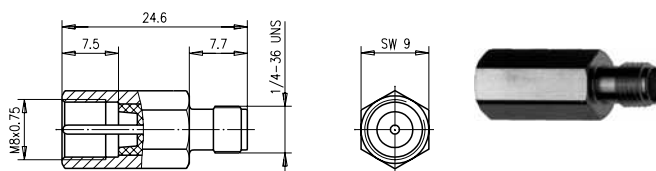
Order no. Bestell-Nr.	Remarks Anmerkungen
J01053A0000	m-m Sti-Sti

FME to SMA
FME auf SMA

16.32



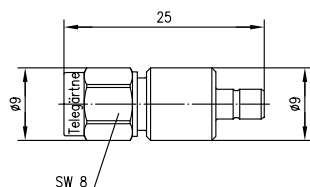
Order no. Bestell-Nr.	Remarks Anmerkungen
J01703A0009	m-m Sti-Sti



Order no. Bestell-Nr.	Remarks Anmerkungen
J01703A0000	m-f Sti-Bu

SMA to SMB
SMA auf SMB

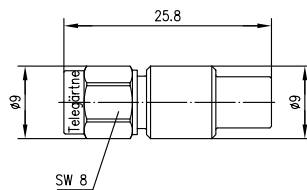
16.33



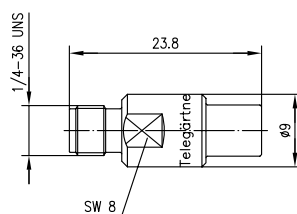
Order no. Bestell-Nr.	Remarks Anmerkungen
J01155A0021	m-m Sti-Sti

16.33

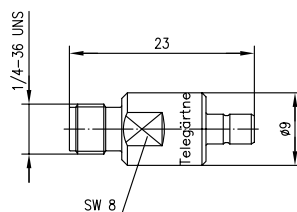
SMA to SMB SMA auf SMB



Order no. Bestell-Nr.	Remarks Anmerkungen
J01155A0031	m-f Sti-Bu

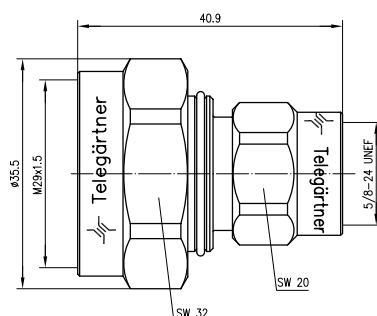


Order no. Bestell-Nr.	Remarks Anmerkungen
J01155A0041	f-f Bu-Bu

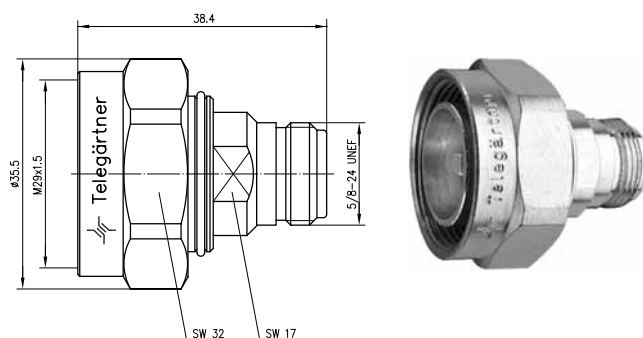


Order no. Bestell-Nr.	Remarks Anmerkungen
J01155A0051	f-m Bu-Sti

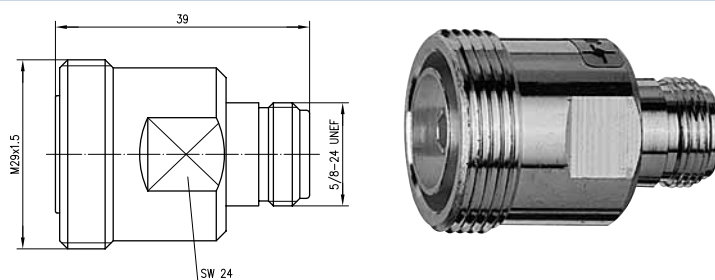
7-16 to N 7-16 auf N



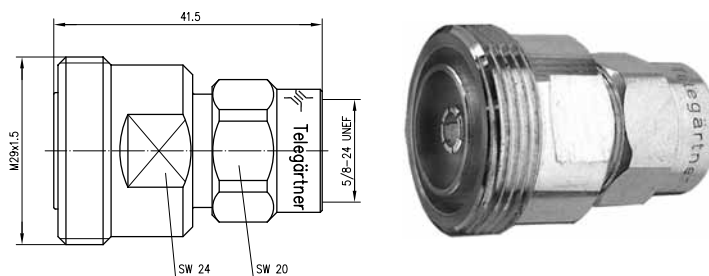
Order no. Bestell-Nr.	Remarks Anmerkungen
J01122A0009	m-m Sti-Sti



Order no. Bestell-Nr.	Remarks Anmerkungen
J01122A0010	m-f Sti-Bu



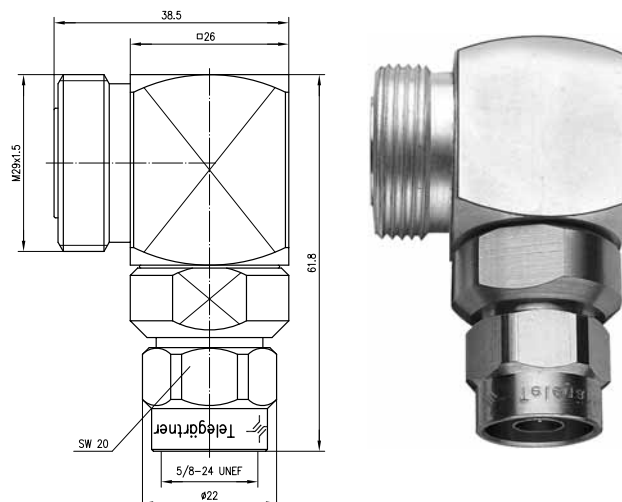
Order no. Bestell-Nr.	Remarks Anmerkungen
J01122A0008	f-f Bu-Bu



Order no. Bestell-Nr.	Remarks Anmerkungen
J01122A0011	f-m Bu-Sti

16.35

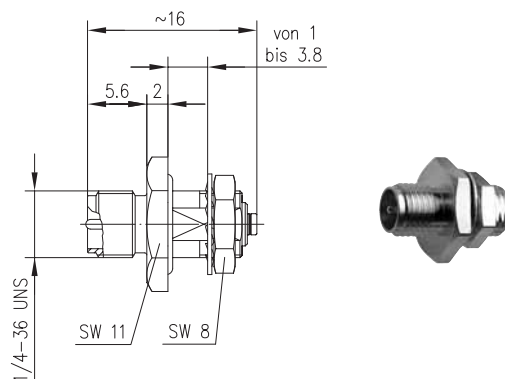
Angle Adaptor 7-16 to N Winkeladapter 7-16 auf N



Order no. Bestell-Nr.	Remarks Anmerkungen
J01122A0012	f-m Bu-Sti

16.36

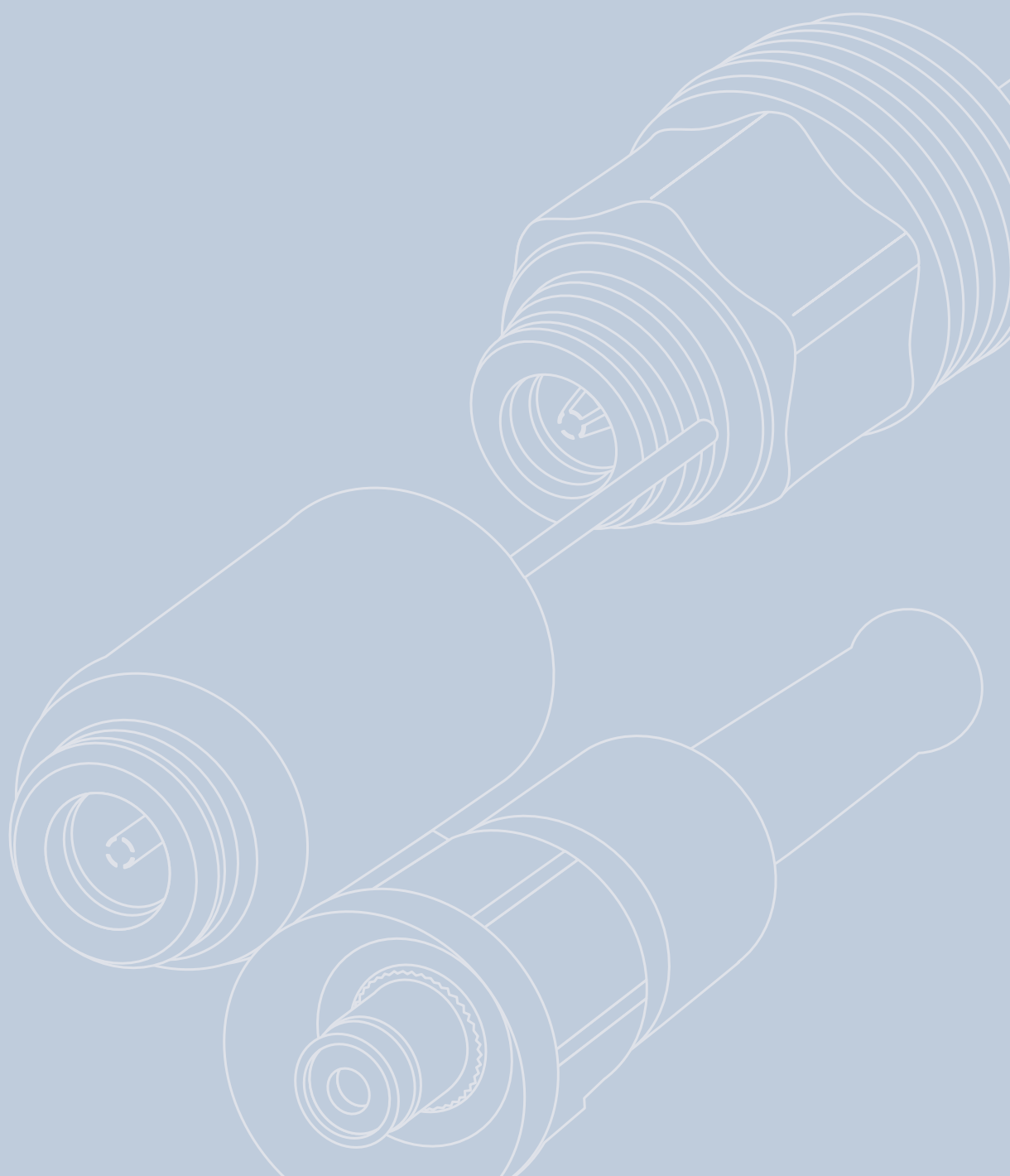
Bulkhead Adaptor R-SMA to U.FL Einbauadapter R-SMA auf U.FL



Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
J01155R0061	f reverse-m Bu Reverse-Sti	Z36

17

pH
pH



pH pH



Contents

17.1	pH Straight Jack Crimp	309
17.2	pH Glas Electrode Plug	309
17.3	pH Protecting Cap	310
17.4	pH cable	310
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17.6	4/13 Bulkhead Socket	311

Übersicht

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17.2	pH-Elektrodensteckkopf	309
17.3	pH-Schutzkappe	310
17.4	pH-Kabel	310
17.5	4/13 Kabelstecker Crimp	311
17.6	4/13 Einbaubuchse	311

Connectors for pH-electrodes (acc. DIN 19263 and DIN 19264) have increased in importance as have pH-measurements themselves. The close control of pH is of primary importance in the medical industry as well as in the electro-plating, textile, pharmaceutical and food industries.

Steckverbindungen für pH-Elektroden (nach DIN 19263 und DIN 19264) haben, wie die pH-Messungen selbst, in ihrer Bedeutung zugenommen. Im Labor- und Industriebereich ist die exakte Steuerung des pH-Wertes von enomer Wichtigkeit, insbesondere in der Gesundheits- und Galvanotechnik, der Textil-, Pharma- und Lebensmittelindustrie.

Mechanical Characteristics

Durability (mating cycles)	≥ 500	Lebensdauer (Steckungen)
Material: Inner conductor pH side	CuSn4Pb4Zn4/CuZn39Pb3	Werkstoff: Innenleiter pH-seitig
Material: Inner conductor 4/13 side	CuZn39Pb3	Werkstoff: Innenleiter 4/13-seitig
Material: Outer conductor pH side	CuZn39Pb3	Werkstoff: Außenleiter pH-seitig
Material: Outer conductor 4/13 side	CuBe2/CuZn39Pb3	Werkstoff: Außenleiter 4/13-seitig
Material: Crimp ferrule	Cu	Werkstoff: Crimprohr
Material: Other metal parts	CuZn39Pb3	Werkstoff: Sonstige Metallteile
Material: Housing	PBT 30% GF	Werkstoff: Gehäuse
Material: Insulators	PTFE; POM	Werkstoff: Isolierteile
Material: Gaskets	NBR	Werkstoff: Dichtungen
Material: Cable relief (jet black)	PVC (RAL 9005)	Werkstoff: Knickschutztülle (tiefschwarz)
Finish: Inner conductor pH side	Cu1Ni2Au0.8	Oberfläche: Innenleiter pH-seitig
Finish: Inner conductor 4/13 side	Cu2Ag5	Oberfläche: Innenleiter 4/13-seitig
Finish: Outer conductor pH side	Cu1Ni2Au0.8	Oberfläche: Außenleiter pH-seitig
Finish: Outer conductor 4/13 side	Cu2Ag5/Cu2Ni5	Oberfläche: Außenleiter 4/13-seitig
Finish: Other metal parts	Cu2Ni5	Oberfläche: Sonstige Metallteile
Protection degree acc. to DIN 40050 (Cable jacks)	IP67	Schutzart nach IEC 60529 (Kabelbuchsen)

Mechanische Eigenschaften

Climatic Characteristics

Climatic category acc. To IEC 60068-1	20/070/21	Prüfklasse nach IEC 60068-1
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Thermische und klimatische Eigenschaften

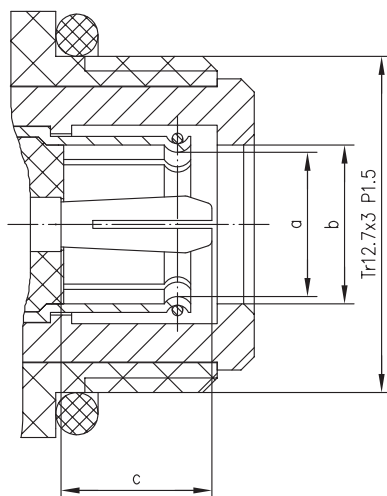
Electrical Characteristics

Contact resistance inner conductor	≤ 5 mΩ	Durchgangswiderstand Innenleiter
Contact resistance outer conductor	≤ 2.5 mΩ	Durchgangswiderstand Außenleiter
Insulation resistance	≥ 10 ¹¹ Ω	Isolationswiderstand
Voltage proof	2 kV _{eff} /50 Hz	Spannungsfestigkeit

Elektrische Eigenschaften

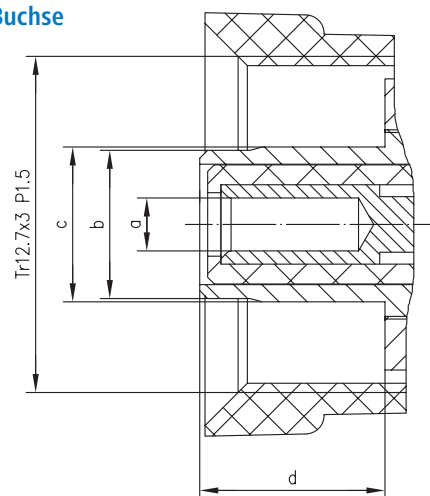
pH Mating Face pH-Steckgesicht

Plug
Stecker



	[mm]		[inch]	
	min.	max.	min.	max.
a	5.45	5.50	0.215	0.217
b	6.0	6.05	0.236	0.238
c	5.7	5.8	0.224	0.228

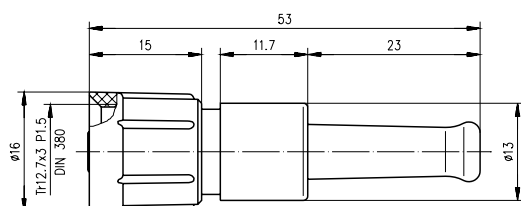
Jack
Buchse



	[mm]		[inch]	
	min.	max.	min.	max.
a	2.0	2.03	0.079	0.080
b	5.58	5.60	0.219	0.221
c	5.83	5.85	0.229	0.230
d	6.9	7.0	0.272	0.276

pH Straight Jack Crimp
pH-Kabelbuchse Crimp

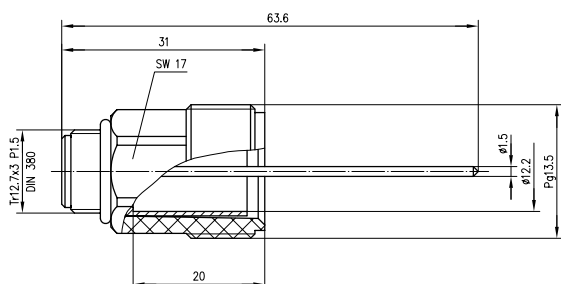
17.1



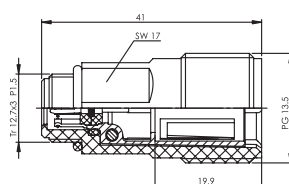
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage	Crimp die Crimpeinsatz
J01251A0017	G15 (0.5/2.95)	crimp/crimp RAL 9005 jetblack* crimp/crimp RAL 9005 tiefschwarz*	B2423	N01001A0012
J01251A0021	G29 (0.45/1.4)	crimp/crimp RAL 9005 jetblack* crimp/crimp RAL 9005 tiefschwarz*	B2321	N01001A0012

pH Glas Electrode Plug
pH-Elektrodensteckkopf

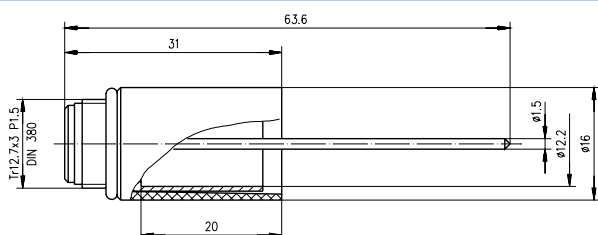
17.2



Order no. Bestell-Nr.	Remarks Anmerkungen
J01250C0014	industrial style, RAL 9005 jet black* Industrierausführung, RAL 9005 tiefschwarz*



Order no. Bestell-Nr.	Remarks Anmerkungen
J01250A0037	industrial style, RAL 9005 jet black* Industrierausführung, RAL 9005 tiefschwarz*

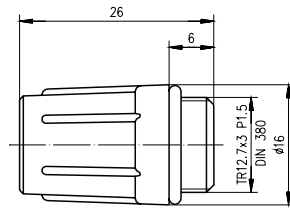


Order no. Bestell-Nr.	Remarks Anmerkungen
J01250A0018	laboratory style, RAL 9005 jet black* Laborausführung, RAL 9005 tiefschwarz*

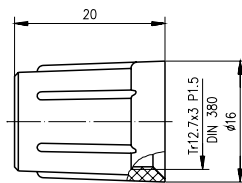
*) other colours and lengths on request

*) andere Farben und Längen auf Anfrage

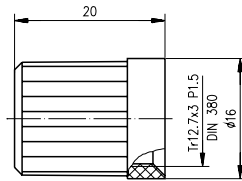
pH Protecting Cap pH-Schutzkappe



Order no. Bestell-Nr.	Remarks Anmerkungen
H00060A0001	for pH-straight jack, RAL 9005 jet black* für pH-Kabelbuchse, RAL 9005 tiefschwarz*

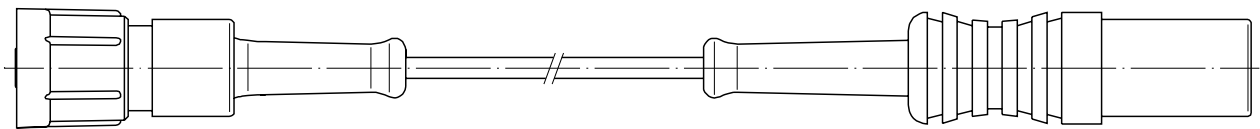


Order no. Bestell-Nr.	Remarks Anmerkungen
B00011A0017	for glass electrode plug, RAL 9005 jet black* für Elektrodensteckkopf, RAL 9005 tiefschwarz*



Order no. Bestell-Nr.	Remarks Anmerkungen
B00011A0018	for glass electrode plug, RAL 9005 jet black* für Elektrodensteckkopf, RAL 9005 tiefschwarz*

pH cable pH-Kabel



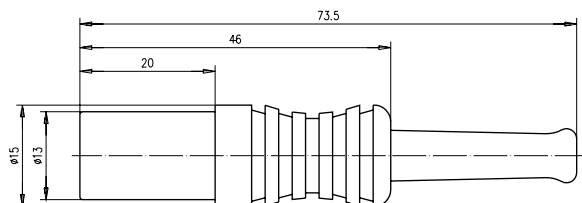
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Length Länge	Remarks Anmerkungen
L00011A0166	G29 (0.45/1.4)	2 m	black* schwarz*
L00011A0167	G15 (0.5/2.95)	2 m	black* schwarz*

*) other colours on request

*) andere Farben auf Anfrage

4/13 Straight Plug Crimp
4/13 Kabelstecker Crimp

17.5



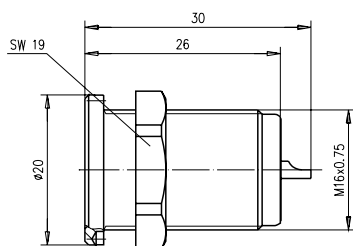
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Assembly Montage
J01080A0006	G15 (0.5/2.95)	DIN 19 262 black*, solder/crimp DIN 19 262 schwarz*, löt/crimp	on request auf Anfrage
J01080A0007	G29 (0.45/1.4)	DIN 19 262 black*, solder/crimp DIN 19 262 schwarz*, löt/crimp	on request auf Anfrage

*) other colours on request

*) andere Farben auf Anfrage

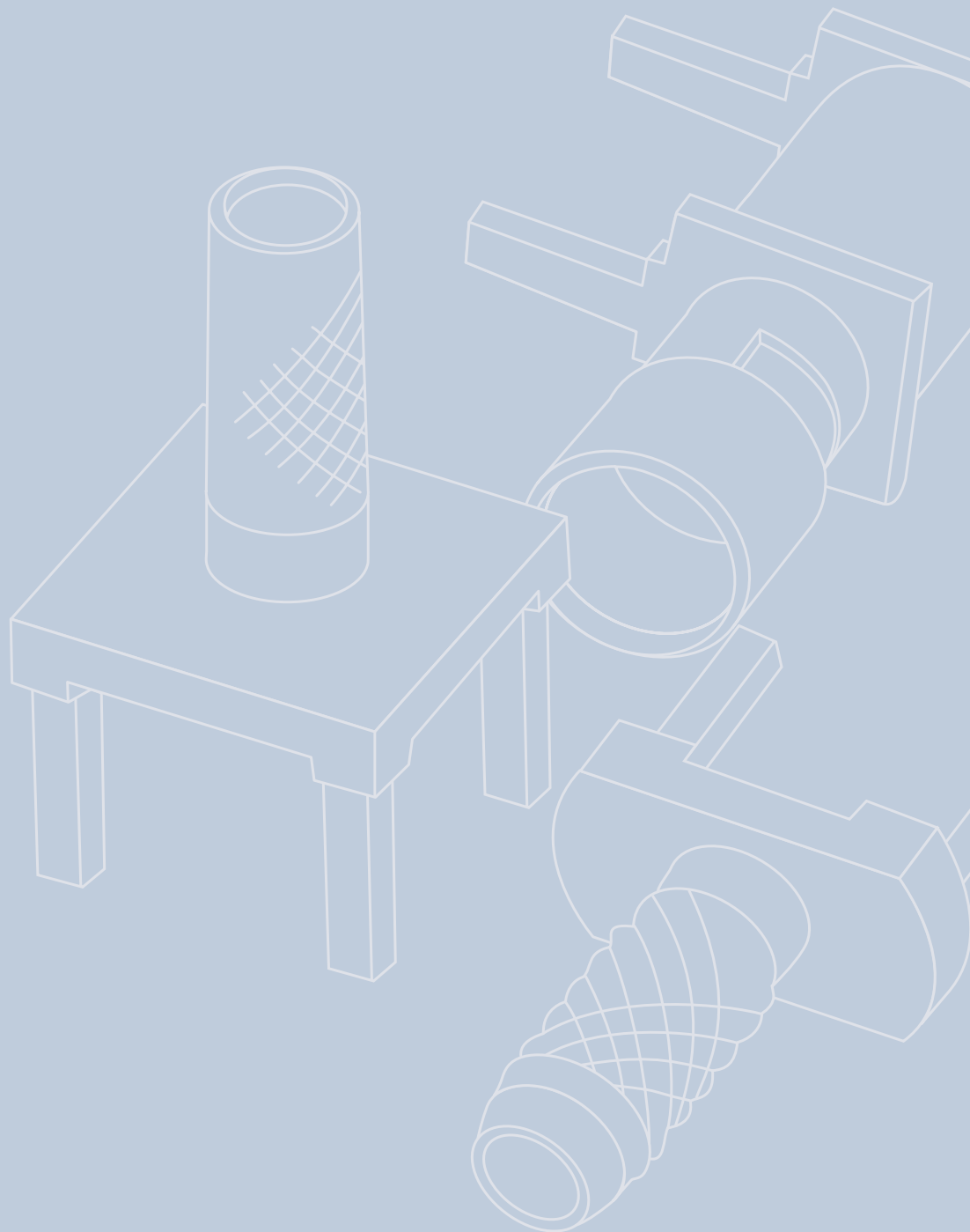
4/13 Bulkhead Socket
4/13 Einbaubuchse

17.6



Order no. Bestell-Nr.	Remarks Anmerkungen	Assembly Montage
J01081A0002	DIN 19 262	on request auf Anfrage

Cable Terminators **Kabeldirektanschlüsse**





Cable Terminators

Kabeldirektanschlüsse

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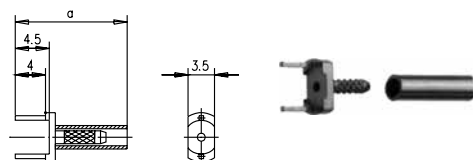
18.1	Kabelanschluss für gedruckte Schaltungen . .	315
18.2	Kabelwinkelanschluss für gedruckte Schaltungen	316

Cable terminators are used for direct soldering of coax-cables onto printed circuits boards. Straight and angle types with 1, 2 or 4 pin terminations allow optimal solutions for various applications.

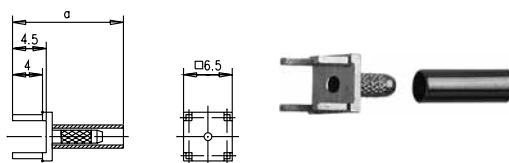
Kabeldirektanschlüsse ermöglichen das direkte Einlöten von Koax-Kabeln in Leiterplatten. Gerade- und Winkelausführungen mit 1, 2 oder 4 Lötanschlüssen lassen je nach Anforderung eine optimale Lösung finden.

Cable Terminator for Printed Circuits Kabelanschluss für gedruckte Schaltungen

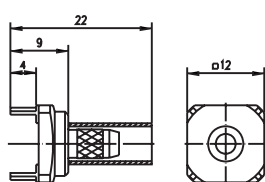
18.1



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
H01000A0017	G3 (RG-178B/U)	solder/crimp löt/crimp	a=14.8	Z26	D0213	N01001A0010
H01000A0027	G7 (RG-316/U)	solder/crimp löt/crimp	a=14.8	Z26	D0203	N01001A0009
H01000A0037	G8 (RD-316)	solder/crimp löt/crimp	a=14.8	Z26	D0214	N01001A0014
H01000A0047	G3 (RG-178B/U)	solder/crimp löt/crimp	a=12.4	Z26	D0313	N01001A0010
H01000A0057	G7 (RG-316/U)	solder/crimp löt/crimp	a=12.4	Z26	D0303	N01001A0009
H01000A0067	G8 (RD-316)	solder/crimp löt/crimp	a=12.4	Z26	D0314	N01001A0014



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Dimensions Abmessungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
H01000A0077	G3 (RG-178B/U)	solder/crimp löt/crimp	a=14.8	Z25	D0213	N01001A0010
H01000A0087	G7 (RG-316/U)	solder/crimp löt/crimp	a=14.8	Z25	D0203	N01001A0009
H01000A0097	G8 (RD-316)	solder/crimp löt/crimp	a=14.8	Z25	D0214	N01001A0014
H01000A0107	G3 (RG-178B/U)	solder/crimp löt/crimp	a=12.4	Z25	D0313	N01001A0010
H01000A0117	G7 (RG-316/U)	solder/crimp löt/crimp	a=12.4	Z25	D0303	N01001A0009
H01000A0127	G8 (RD-316)	solder/crimp löt/crimp	a=12.4	Z25	D0314	N01001A0014



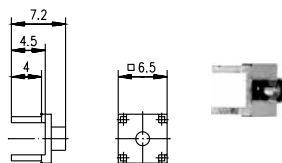
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
H01000A0287	G1 (RG-58C/U)	solder/crimp löt/crimp	Z06	D0705	N01001A0005

18.1

18.1

Cable Terminator for Printed Circuits

Kabelanschluss für gedruckte Schaltungen

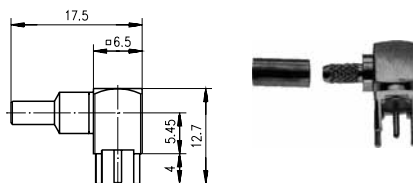


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage
H01000A0131	G11 (UT-85)	Au; solder/solder Au; lötlöt	Z25	D10
H01000A0137	G11 (UT-85)	Sn; solder/solder Sn; lötlöt	Z25	D10
H01000A0141	G10 (UT-141)	Au; solder/solder Au; lötlöt	Z25	D10
H01000A0147	G10 (UT-141)	Sn; solder/solder Sn; lötlöt	Z25	D10

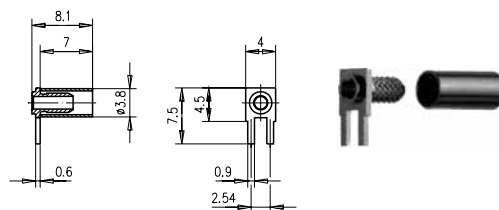
18.2

Angle Cable Terminator for Printed Circuits

Kabelwinkelanschluss für gedruckte Schaltungen



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
H01000A0157	G3 (RG-178B/U)	5 pin terminations, SN, solder/crimp 5 Lötanschlüsse, SN, Löt/Crimp	Z25	D0413	N01001A0010
H01000B0167	G7 (RG-316/U)	5 pin terminations, SN, solder/crimp 5 Lötanschlüsse, SN, Löt/Crimp	Z25	D0403	N01001A0009
H01000B0177	G8 (RD-316)	5 pin terminations, SN, solder/crimp 5 Lötanschlüsse, SN, Löt/Crimp	Z25	D0414	N01001A0014

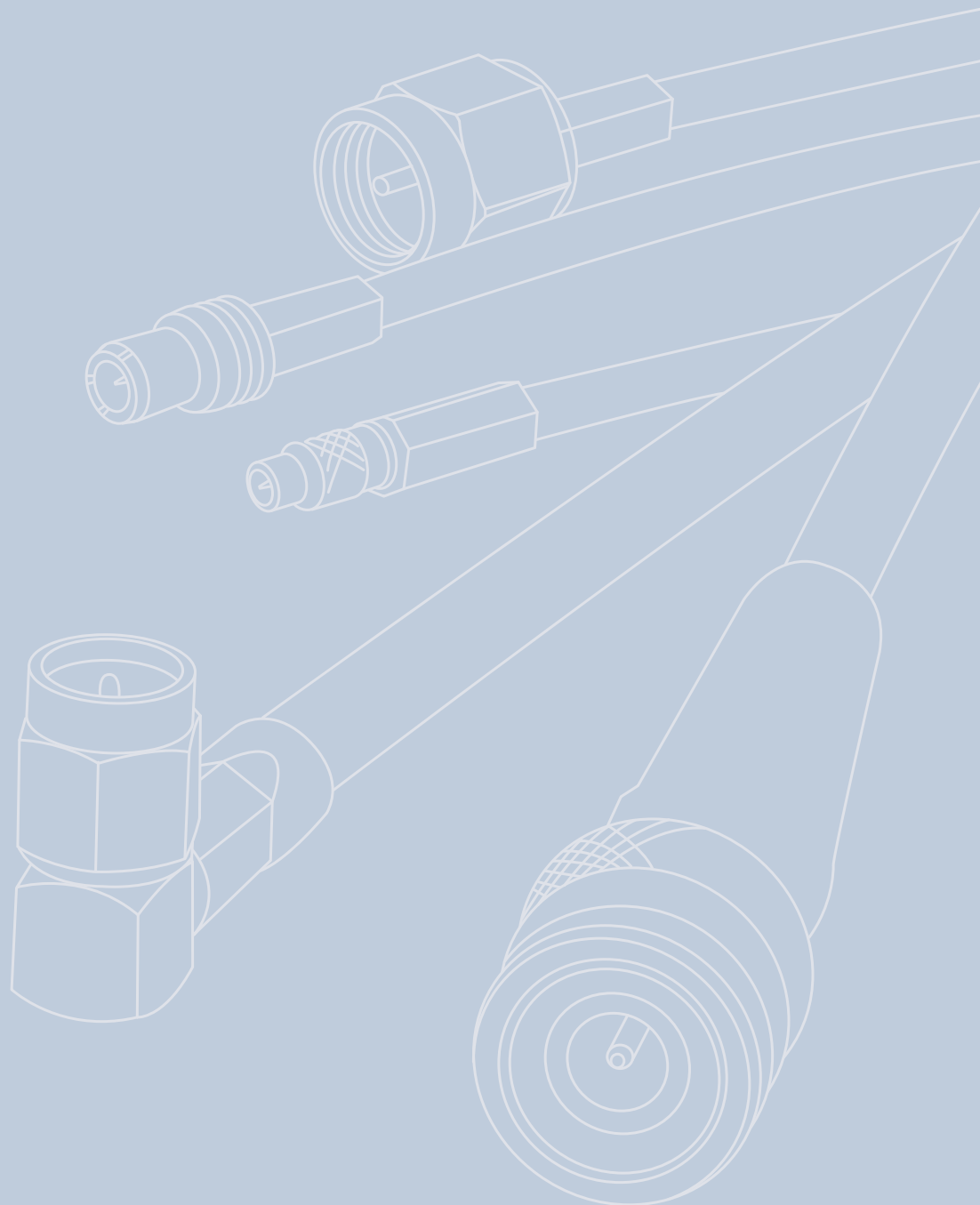


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen	Mount. dim. Einbaumaß	Assembly Montage	Crimp die Crimpeinsatz
H01000A0191	G7 (RG-316/U)	2 pin terminations; Au 2 Lötanschlüsse; Au	Z56	D0603	N01001A0009



RF Cable Assemblies and Test Accessories

Konfektionierte HF-Kabel und Laborsteckverbindungen



RF Cable Assemblies and Test Accessories

Konfektionierte HF-Kabel und Laborsteckverbindungen

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19.2	Norm BNC: 1. Seite BNC-Stecker; 2. Seite Bananenstecker	321
19.3	Laborsteckverbindungen	322

Customized Cable Assemblies

We assemble according to your specification.
Please use the specification form at the end of the catalogue.

Kundenspezifisch konfektionierte Kabel

Wir fertigen gemäß Ihren Vorgaben. Bitte benutzen Sie
das Spezifikationsblatt am Ende des Kataloges.

Spezifikationsblatt für konfektionierte HF-Kabel (Kopiervorlage)
Specification form for RF cable assemblies (to be copied and filled out when required)

An/To: Telegärtner Karl Gärtner GmbH Von/From: _____
Fax: +49 (0) 71 57-125-120

Kabel/Cable (1): _____ Muster anbei/Sample included

Steckverbinder/Connectors	Linke Seite/Left Side	Rechte Seite/Right Side
Steckverbinder (2) Connector		
Knickschutz (3) Strain relief	☐ Tülle/cable relief	☐ Tülle/cable relief
	☐ Schrumpfschlauch/srink sleeve	☐ Schrumpfschlauch/srink sleeve
	☐ Längeneingriff	☐ Längeneingriff
	☐ Selbstklebendstift adhesive	☐ Selbstklebendstift adhesive

Menge/Quantity: _____

Verpackung/Packaging
☐ Einzel verpackt in PE-Tüte/Singly packed in PE-bag
☐ Etikett/Label: _____

Standardlieferungszustand/Standard delivery form
Längentoleranzen gemäß Tabelle. Ab 1 m Kabellänge ab Ring mit Ø 180 mm gewickelt; mit Gummischur 2x abgebunden und im Transportkarton verpackt.
With length tolerances as stated in the table. From 1 m cable length twisted into a ring with Ø 180 mm, doubly secured with a rubber band and packed in a transportable cardboard box.

Toleranzen/Tolerances (siehe/see to DIN 67101)									
Länge/ length (mm)	<500	1.000	1.500	2.500	4.000	6.000	8.000	10.000	>20.000
Tol.	± 5	10	15	25	40	60	100	300	1.000

Bemerkung/Remarks

RF Cable Assemblies and Test Accessories

Konfektionierte HF-Kabel und Laborsteckverbindungen

19

The following cable assemblies show only a small portion of our range. We assemble all popular RF-cables with our connectors. Where crimp connectors are used, the cable assemblies are fitted with strain reliefs or shrink-sleeving. Any required length can be supplied. For inquiries or orders for customized RF-Cable assemblies please use our specification form on the last page of this catalogue.

Nachstehende Kabelgarnituren stellen nur einen kleinen Teil unseres umfangreichen Konfektionsprogrammes dar. Wir verarbeiten sämtliche gängigen HF-Kabel mit unseren Steckverbindungen. Die Kabel werden bei Crimpverbindungen mit Tülle oder Schrumpfschlauch versehen, wenn nicht anders gefordert. Auch liefern wir jede gewünschte Kabellänge. Für Anfragen bzw. Aufträge über konfektionierte HF-Kabel gemäß Ihren spezifischen Angaben bitten wir Sie von dem Spezifikationsblatt auf der letzten Katalogseite Gebrauch zu machen.

Note

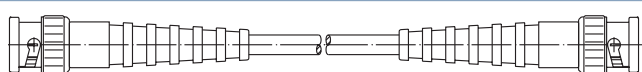
Customized cable assemblies on request.

Hinweis

Kundenspezifische HF-Kabel auf Anfrage.

BNC Series: Both Sides BNC Plug Norm BNC: Beidseitig BNC-Stecker

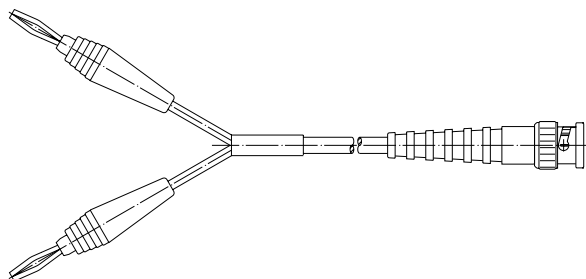
19.1



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Length Länge
L00010A1800	50 Ohm RG-58C/U	0.25 m
L00010A1801	50 Ohm RG-58C/U	0.5 m
L00010A1803	50 Ohm RG-58C/U	1 m
L00011A1450	50 Ohm RG-58C/U	1.5 m
L00011A1451	50 Ohm RG-58C/U	2 m
L00012A1452	50 Ohm RG-58C/U	3 m
L00013A1453	50 Ohm RG-58C/U	5 m
L00015A1455	50 Ohm RG-58C/U	10 m
L00010A1804	75 Ohm RG-59B/U	0.25 m
L00010A1805	75 Ohm RG-59B/U	0.5 m
L00010A1806	75 Ohm RG-59B/U	0,75 m
L00010A1807	75 Ohm RG-59B/U	1 m
L00011A1456	75 Ohm RG-59B/U	1.5 m
L00011A1457	75 Ohm RG-59B/U	2 m
L00012A1458	75 Ohm RG-59B/U	3 m
L00013A1459	75 Ohm RG-59B/U	5 m
L00015A1461	75 Ohm RG-59B/U	10 m

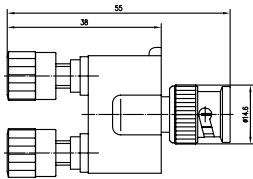
BNC Series: 1st side BNC plug; 2nd side banana plug Norm BNC: 1. Seite BNC-Stecker; 2. Seite Bananenstecker

19.2

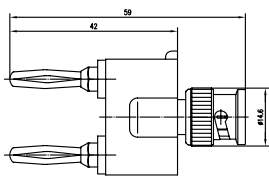


Order no. Bestell-Nr.	Length Länge
L00010A1844	0.5 m
L00010A1845	1 m

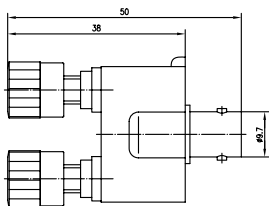
Test Accessories Laborsteckverbindungen



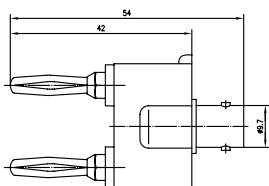
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0627	BNC binding post BNC-Apparate-Klemme



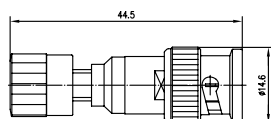
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0626	BNC banana plug BNC-Bananenstecker



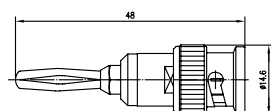
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0621	BNC binding post BNC-Apparate-Klemme



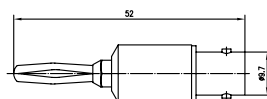
Order no. Bestell-Nr.	Remarks Anmerkungen
J01008A0620	BNC banana plug BNC-Bananenstecker



Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01008A0625	BNC binding post BNC-Apparate-Klemme

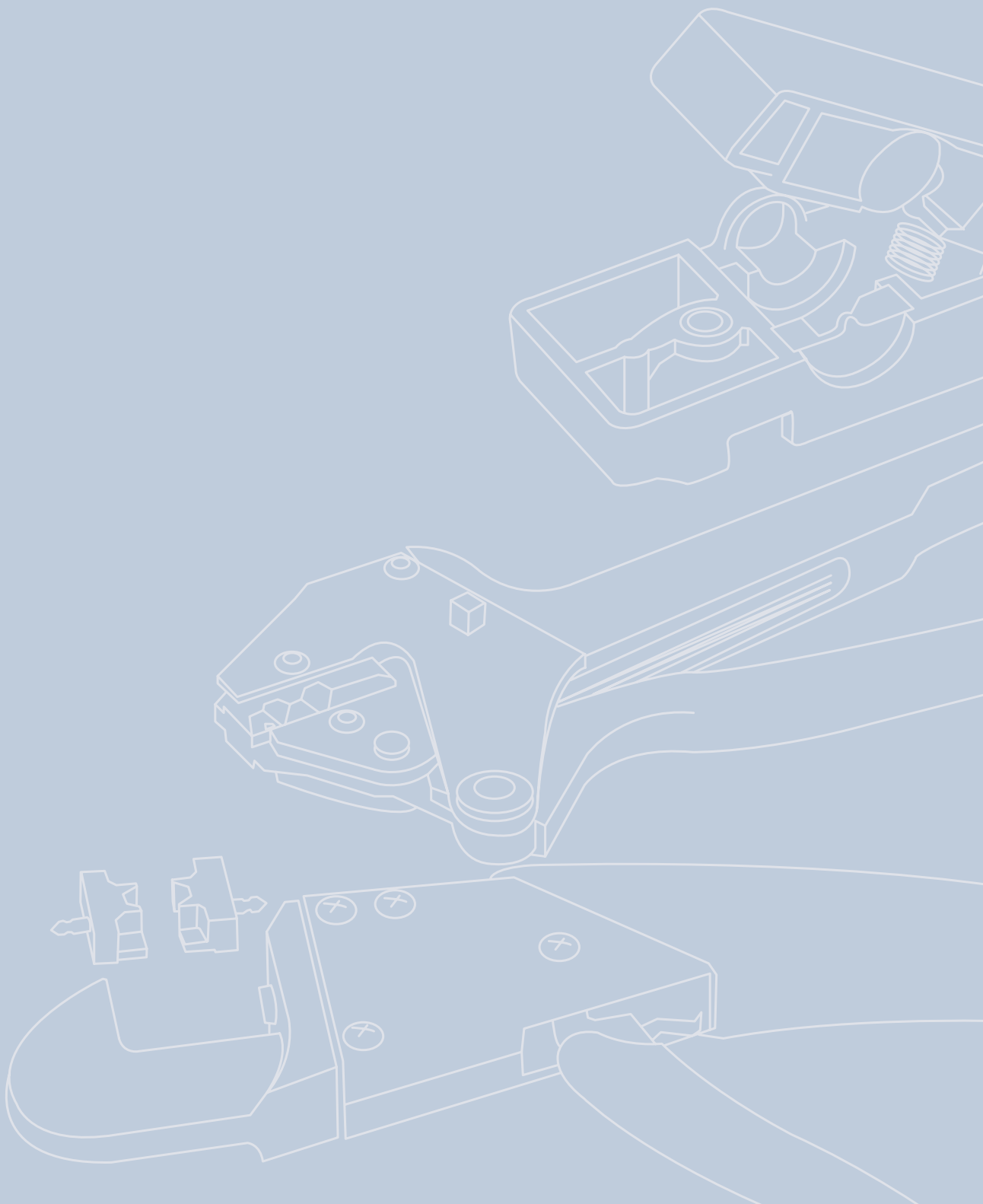


Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01008A0628	BNC banana plug BNC-Bananenstecker



Order no.	Remarks
Bestell-Nr.	Anmerkungen
J01008A0624	BNC banana plug BNC-Bananenstecker

Spare Parts and Accessories, Tools **Ersatzteile und Zubehör, Werkzeuge**





Spare Parts and Accessories, Tools Ersatzteile und Zubehör, Werkzeuge

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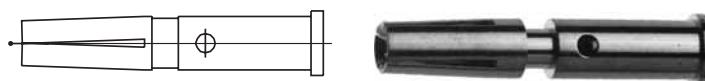
20.1	Einzelteile Steckverbindungen	327
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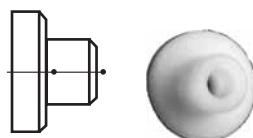
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
C10380U0609	G7 (RG-316/U); G4 (RG-179 B/U)	crimp ferrule Crimprohr
C20640G1009	G1 (RG-58C/U); LMR-195	crimp ferrule Crimprohr
C20660H0759	G5 (RG-223/U)	crimp ferrule Crimprohr
C20750G0709	G16 (0.6/3.7D); RG-71B/U	crimp ferrule Crimprohr
C20750G1009	G2 (RG-59B/U); RG-62 A/U	crimp ferrule Crimprohr



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
C01011A0012	G3 (RG-178B/U); G4 (RG-179B/U)	centre contact, male Kontaktstift
C01011A1404	G1 (RG-58C/U); G5 (RG-223/U); G10 (RG-402/U); G27 (9248)	centre contact, male Kontaktstift
C01011A0166	RG-59B/U; RG-62A/U; 0.6/3.7; RG-71B/U; 0.6/3.7D	centre contact, male Kontaktstift



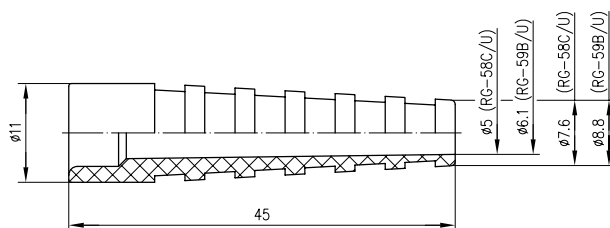
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
C00011A0117	G1 (RG-58C/U); LMR-195; HPF 195	centre contact, female Kontaktbuchse
C00011A1406	G2 (RG-59B/U); G16 (0.6/3.7); RG-62A/U; RG-71B/U	centre contact, female Kontaktbuchse



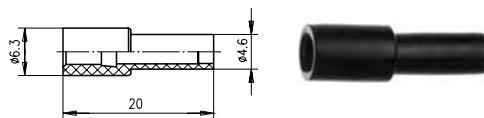
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
B00050A1408	RG-62A/U; RG-71B/U	insulator Zentrierstütze

Strain Reliefs and Shrink Sleeves

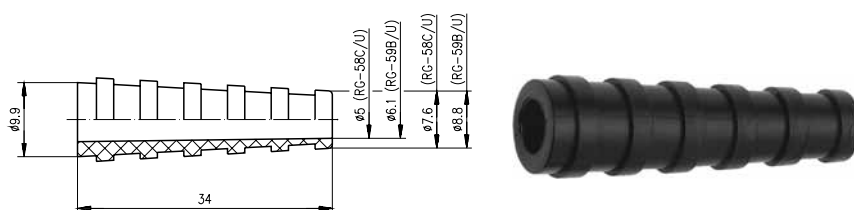
Knickschutztüllen und Schrumpfschläuche



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
B00081A1272	G1 (RG-58C/U); G41 (0.6/2.8-4.7)	RAL 9005 jet black RAL 9005 tiefschwarz
B00081B1272	G1 (RG-58C/U); G41 (0.6/2.8-4.7)	RAL 3000 brilliant red RAL 3000 feuerrot
B00081C1272	G1 (RG-58C/U); G41 (0.6/2.8-4.7)	RAL 5015 sky blue RAL 5015 himmelblau
B00081D1272	G1 (RG-58C/U); G41 (0.6/2.8-4.7)	RAL 1018 zinc yellow RAL 1018 zinkgelb
B00081E1272	G1 (RG-58C/U); G41 (0.6/2.8-4.7)	RAL 6010 grass green RAL 6010 grasgrün
B00081F1272	G1 (RG-58C/U); G41 (0.6/2.8-4.7)	RAL 2003 pastel orange RAL 2003 pastellorange
B00081G1272	G1 (RG-58C/U); G41 (0.6/2.8-4.7)	RAL 7001 silver grey RAL 7001 silbergrau
B00081H1272	G1 (RG-58C/U); G41 (0.6/2.8-4.7)	RAL 8011 nut brown RAL 8011 nußbraun
B00081J1272	G1 (RG-58C/U); G41 (0.6/2.8-4.7)	RAL 4001 red lila RAL 4001 rotlila
B00081K1272	G1 (RG-58C/U); G41 (0.6/2.8-4.7)	RAL 9010 pure white RAL 9010 reinweiß
B00081M1272	G1 (RG-58C/U); G41 (0.6/2.8-4.7)	RAL 7032 pebble grey RAL 7032 kieselgrau
B00081A1289	G2 (RG-59B/U); RG-62A/U; 0.6/3.7; 0.6/2.8C (FR-NC); FRNC 0.6/2.8 AF	RAL 9005 jet black RAL 9005 tiefschwarz
B00081B1289	G2 (RG-59B/U); RG-62A/U; 0.6/3.7; 0.6/2.8C (FR-NC); FRN C0.6/2.8 AF	RAL 3000 brilliant red RAL 3000 feuerrot
B00081C1289	G2 (RG-59B/U); RG-62A/U; 0.6/3.7; 0.6/2.8C (FR-NC); FRNC 0.6/2.8 AF	RAL 5015 sky blue RAL 5015 himmelblau
B00081D1289	G2 (RG-59B/U); RG-62A/U; 0.6/3.7; 0.6/2.8C (FR-NC); FRNC 0.6/2.8 AF	RAL 1018 zinc yellow RAL 1018 zinkgelb
B00081E1289	G2 (RG-59B/U); RG-62A/U; 0.6/3.7; 0.6/2.8C (FR-NC); FRNC 0.6/2.8 AF	RAL 6010 grass green RAL 6010 grasgrün
B00081F1289	G2 (RG-59B/U); RG-62A/U; 0.6/3.7; 0.6/2.8C (FR-NC); FRNC 0.6/2.8 AF	RAL 2003 pastel orange RAL 2003 pastellorange
B00081G1289	G2 (RG-59B/U); RG-62A/U; 0.6/3.7; 0.6/2.8C (FR-NC); FRNC 0.6/2.8 AF	RAL 7001 silver grey RAL 7001 silbergrau
B00081H1289	G2 (RG-59B/U); RG-62A/U; 0.6/3.7; 0.6/2.8C (FR-NC); FRNC 0.6/2.8 AF	RAL 8011 nut brown RAL 8011 nußbraun
B00081J1289	G2 (RG-59B/U); RG-62A/U; 0.6/3.7; 0.6/2.8C (FR-NC); FRNC 0.6/2.8 AF	RAL 4001 red lila RAL 4001 rotlila
B00081K1289	G2 (RG-59B/U); RG-62A/U; 0.6/3.7; 0.6/2.8C (FR-NC); FRNC 0.6/2.8 AF	RAL 9010 pure white RAL 9010 reinweiß
B00081M1289	G2 (RG-59B/U); RG-62A/U; 0.6/3.7; 0.6/2.8C (FR-NC); FRNC 0.6/2.8 AF	RAL 7032 pebble grey RAL 7032 kieselgrau



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
B00080A0002	G4 (RG-179B/U); G7 (RG-316/U); G8 (RD-316); G29 (0.45/1.4)	black schwarz
B00080B0002	G4 (RG-179B/U); G7 (RG-316/U); G8 (RD-316); G29 (0.45/1.4)	red rot
B00080C0002	G4 (RG-179B/U); G7 (RG-316/U); G8 (RD-316); G29 (0.45/1.4)	blue blau
B00080D0002	G4 (RG-179B/U); G7 (RG-316/U); G8 (RD-316); G29 (0.45/1.4)	yellow gelb
B00080E0002	G4 (RG-179B/U); G7 (RG-316/U); G8 (RD-316); G29 (0.45/1.4)	green grün



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
B00081A0025	G1 (RG-58C/U)	Short type, RAL 9005 jet black Kurze Ausführung, RAL 9005 tiefschwarz
B00081A0026	G2 (RG-59B/U); RG-62A/U; 0.6/3.7; 0.6/2.8C (FR-NC); FRNC 0.6/2.8 AF	Short type, RAL 9005 jet black Kurze Ausführung, RAL 9005 tiefschwarz



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
B00102A0005	Wellmantelkabel mit $\varnothing$ 3/8" und $\varnothing$ 1/2"	shrink sleeve self adhesive, black selbstklebender Schrumpfschlauch, schwarz



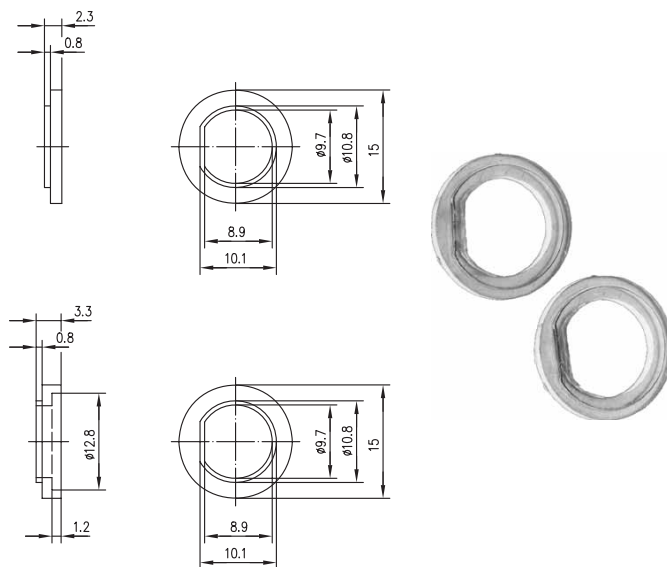
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
B00101A0008	Wellmantelkabel mit $\varnothing$ 1/4"	shrink sleeve self adhesive, black selbstklebender Schrumpfschlauch, schwarz



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
B00103A0000	Wellmantelkabel mit $\varnothing$ 7/8"	shrink sleeve self adhesive, black selbstklebender Schrumpfschlauch, schwarz

Insulating Washers

Isolierscheiben



Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
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B00031A0001	insulator, colour: white	Z50
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Isolierscheibe, Farbe: weiß

B00031A0002	insulator, colour: red	Z50
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Isolierscheibe, Farbe: rot

B00031A0003	insulator, colour: blue	Z50
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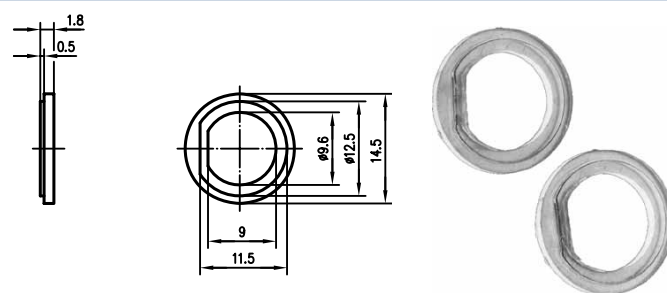
Isolierscheibe, Farbe: blau

B00031A0037	insulator, colour: green	Z50
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Isolierscheibe, Farbe: grün

B00031A1275	insulator, colour: black	Z50
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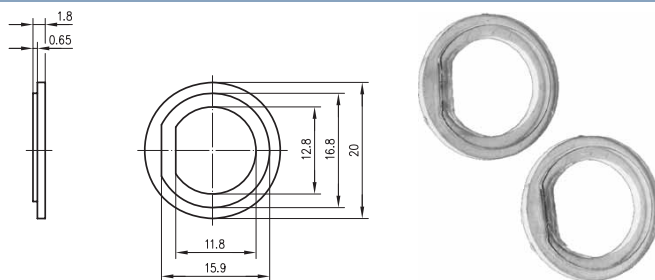
Isolierscheibe, Farbe: schwarz



Order no. Bestell-Nr.	Remarks Anmerkungen	Mount. dim. Einbaumaß
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B00031C1275	insulator, colour: transparent	Z51
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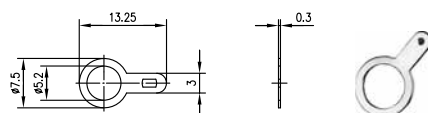
Isolierscheibe, Farbe: natur



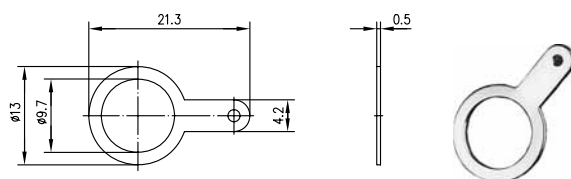
Order no. Bestell-Nr.	Remarks Anmerkungen
B00031D1275	insulator, colour: transparent Isolierscheibe, Farbe: natur

Solder Tags Masselötfahnen

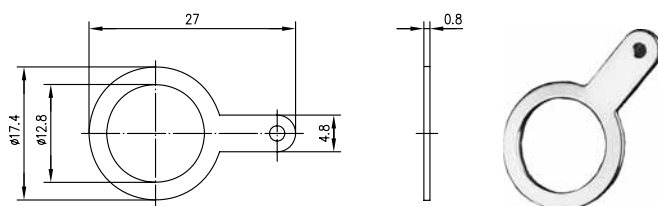
20.4



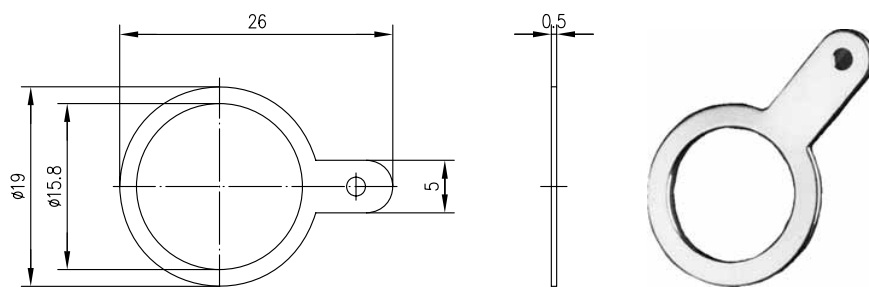
Order no. Bestell-Nr.	Remarks Anmerkungen
C04001A0006	0.19"



Order no. Bestell-Nr.	Remarks Anmerkungen
C04001A1263	3/8"



Order no. Bestell-Nr.	Remarks Anmerkungen
C04001A1267	1/2"



Order no. Bestell-Nr.	Remarks Anmerkungen
C04001A0008	5/8"

20.5

Crimp Tools Crimpzangen



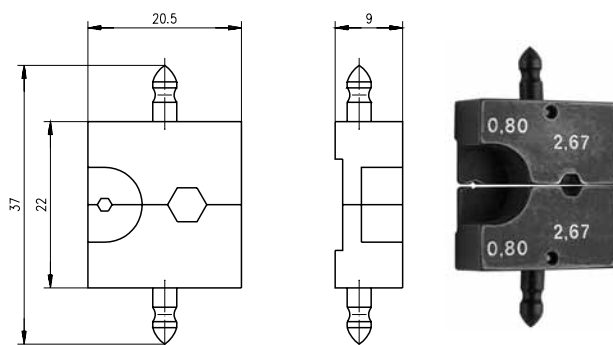
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N00000A0011	G1 (RG-58C/U); G2 (RG-59B/U); RG-62A/U; 1.72/5.4/6.48; G5 (RG-223/U)	with 3-way integrated crimp die insert (HEX 1.72/5.4/6.48) mit integriertem 3-fach Crimpeinsatz (HEX 1.72/5.4/6.48)



Order no. Bestell-Nr.	Remarks Anmerkungen
N00000A1273	without crimp die; to be ordered separately ohne Crimpeinsatz; separat zu bestellen

20.6

Crimp Dies for Tool N00000A1273 Crimpeinsätze für Werkzeug N00000A1273

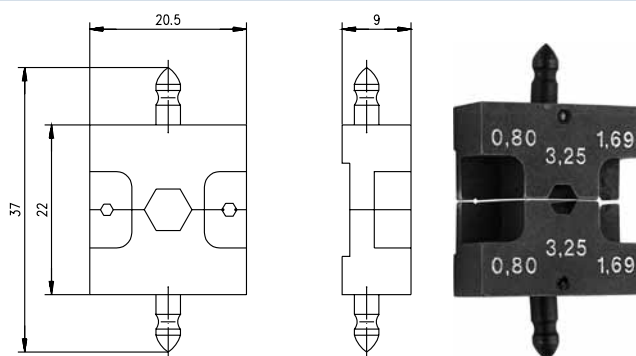


Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N01001A0004	G27 (9248); RG-6A/U	2-way die (HEX 1.69/7.01) 2-fach Einsatz (HEX 1.69/7.01)
N01001A0007	G2 (RG-59B/U); G16 (0.6/3.7D); RG-62A/U; RG-71B/U; G30 (1.5/3.8), Low Loss 1.4/3.8	2-way die (HEX 1.69/6.48) 2-fach Einsatz (HEX 1.69/6.48)
N01001D1274	RG-213/U; RG-214/U; 9880 Belden	2-way die (HEX 2.54/10.9) 2-fach Einsatz (HEX 2.54/10.9)
N01001I1274	1.0/6.6	2-way die (HEX 1.75/9.73) 2-fach Einsatz (HEX 1.75/9.73)
N01001J1274	G17 (0.8/4.9 DZ); RG 212/U; 0.8/4.9C/DZ	2-way die (HEX 1.69/8.23) 2-fach Einsatz (HEX 1.69/8.23)
N01001L1274	G12 (0.315/1.95-3.7); G13 (0.4/2.5); RG 195A/U; 8218 Belden	2-way die (HEX 1.69/4.52) 2-fach Einsatz (HEX 1.69/4.52)

Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N01001A0011	G31 (RG-11A/U); G32 (RG-216/U); KX 8	2-way die (HEX 1.69/10.9) 2-fach Einsatz (HEX 1.69/10.9)
N01001A0018	G3 (RG-178B/U); K01252 D	2-way die (HEX 0.80/2.67) 2-fach Einsatz (HEX 0.80/2.67)
N01001A0023	G7 (RG-316/U)	2-way die (HEX 1.25/3.25) 2-fach Einsatz (HEX 1.25/3.25)
N01001A0027	G7 (RG-316/U)	2-way die (HEX 1.38/3.25) 2-fach Einsatz (HEX 1.38/3.25)
N01001A0030	G37 (2.7/7.25)	2-way die (HEX 3.25/10.9) 2-fach Einsatz (HEX 3.25/10.9)
N01001A0039	G41 (0.6/2.8-4.7)	2-way die (HEX 1.25/5.41) 2-fach Einsatz (HEX 1.25/5.41)

Crimp dies to be used in combination with crimp tool N00000A1273.

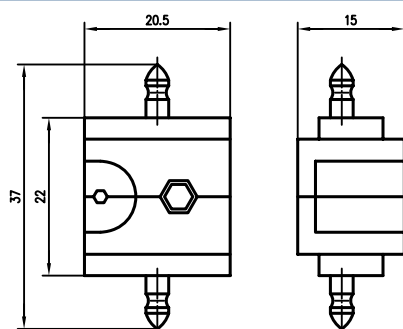
Die Crimpeinsätze sind in Kombination mit Crimpzange N00000A1273 einsetzbar.



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	length Länge	Remarks Anmerkungen
N01001A0005	G1 (RG-58C/U); G5 (RG-223/U); CW 2002; Low Loss 1.05/2.95; YR23633		3-way die (HEX 1.46/1.69/5.41) 3-fach Einsatz (HEX 1.46/1.69/5.41)
N01001A0009	G4 (RG-179B/U); G7 (RG-316/U)		3-way die (HEX 0.80/1.69/3.25) 3-fach Einsatz (HEX 0.80/1.69/3.25)
N01001A0010	G3 (RG-178B/U); K01252 D		3-way die (HEX 0.80/1.69/2.67) 3-fach Einsatz (HEX 0.80/1.69/2.67)
N01001A0012	G15 (0.5/2.95); G29 (0.45/1.4)		3-way die (HEX 1.69/3.80/5.41) 3-fach Einsatz (HEX 1.69/3.80/5.41)
N01001A0014	G8 (RD-316); G19 (PSF 1/7M)		3-way die (HEX 0.80/1.69/3.65) 3-fach Einsatz (HEX 0.80/1.69/3.65)

Crimp dies to be used in combination with crimp tool N00000A1273.

Die Crimpeinsätze sind in Kombination mit Crimpzange N00000A1273 einsetzbar.



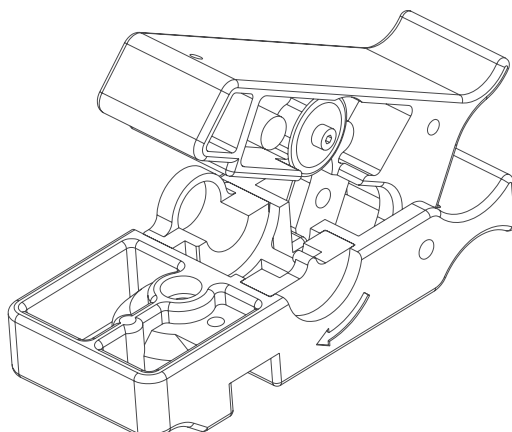
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N01001A0028	G7 (RG-316/U)	3-way die (HEX 1.69/3.45/4.52); double crimp type 3-fach Einsatz (HEX 1.69/3.45/4.52); Doppelcrimp-Ausführung

Crimp dies to be used in combination with crimp tool N00000A1273.

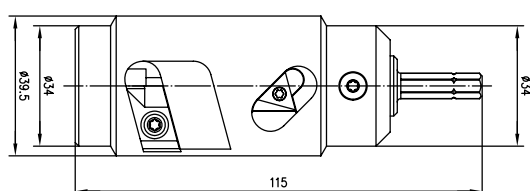
Die Crimpeinsätze sind in Kombination mit Crimpzange N00000A1273 einsetzbar.

Cutting Tools (1/2" and 7/8")

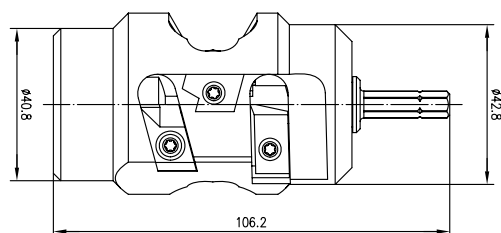
Absetzwerkzeuge (1/2" und 7/8")



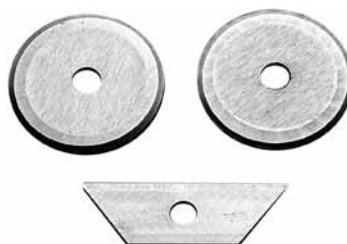
Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N00091A0013	G23 (1/2" Flex)	manual Cutting Tool for SIMFix Plus J01120B0077; J01121B0120; J01020A0105; J01021A0163 Manuelles Absetzwerkzeug für SIMFix Plus J01120B0077; J01121B0120; J01020A0105; J01021A0163
N00091A0004	G23 (1/2" Flex)	manual Cutting Tool for SIMFix J01020A0098; J01021A0156; J01120B0073; J01121B0114 Manuelles Absetzwerkzeug für SIMFix J01020A0098; J01021A0156; J01120B0073; J01121B0114
N00091A0015	G21 (1/2")	manual Cutting Tool for SIMFix Pro J01120B0085; J01121B0136; J01020B0141; J01021B0174 Manuelles Absetzwerkzeug für SIMFix Pro J01120B0085; J01121B0136; J01020B0141; J01021B0174
N00091A0009	G21 (1/2")	manual Cutting Tool for SIMFix J01020A0078; J01020A0084; J01021A0053; J01021A0072; J01120A0047; J01121A0082 Manuelles Absetzwerkzeug für SIMFix J01020A0078; J01020A0084; J01021A0053; J01021A0072; J01120A0047; J01121A0082
N00091A0010	G21 (1/2")	manual Cutting Tool for SIMFix Plus J01021A0133; J01120A0064; J01020A0092; J01121A0103 Manuelles Absetzwerkzeug für SIMFix Plus J01021A0133; J01120A0064; J01020A0092; J01121A0103
N00091A0014	G24 (7/8")	manual Cutting Tool for SIMFix Pro J01120B0084; J01121B0132; J01020B0142; J01021B0175 Manuelles Absetzwerkzeug für SIMFix Pro J01120B0084; J01121B0132; J01020B0142; J01021B0175



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N00091A0018	G21 (1/2")	rotating stripping tool SIMFix Pro J01120B0085; J01121B0136; J01020A0141; J01021B0174 Rotationsabsetzwerkzeug SIMFix Pro J01120B0085; J01121B0136; J01020A0141; J01021B0174



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N00091A0019	G24 (7/8")	rotating stripping tool SIMFix Pro J01120B0084; J01121B0132; J01020A0142; J01021B0175 Rotationsabsetzwerkzeug SIMFix Pro J01120B0084; J01121B0132; J01020A0142; J01021B0175



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N00099A0001	G23 (1/2" Flex)	spare blades (2x round, 1x small) for N00091A0013, N00091A0004 Ersatzklingen (2 runde, 1 kleine) für N00091A0013, N00091A0004



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N00099A0000	G21 (1/2"); G24 (7/8")	spare blades (4x large, 1x small) for N00091A0009, N00091A0010 Ersatzklingen (4 große, 1 kleine) für N00091A0009, N00091A0010



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
B06011A0039	1/2", 7/8"	spare blades (outer conductor) for rotating stripping tool SIMFix Pro N00091A0018, N00091A0019 Ersatzklingen (Außenleiter) für Rotationswerkzeug SIMFix Pro N00091A0018, N00091A0019



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
B06011A0041	1/2", 7/8"	spare blades (cable outer jacket) for rotating stripping tool SIMFix Pro N00091A0018, N00091A0019 Ersatzklingen (Kabelmantel) für Rotationswerkzeug SIMFix Pro N00091A0018, N00091A0019

C Spanner, Sheath Cutter, Open Ended Wrench Hakenschlüssel, Mantelschneider, Maulschlüssel



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N00050A0001	1 1/4"	C Spanner DIN 1810-B52-55 for J01020B0143, J01021B0178, J01120B0087, J01121B0138, J01121A0156 Hakenschlüssel DIN 1810-B52-55 für J01020B0143, J01021B0178, J01120B0087, J01121B0138, J01121A0156
N00050A0003	1 5/8"	C Spanner DIN 1810-B52-55 for J01020B0144, J01021B0179, J01120B0088, J01121B0139, J01121A0157 Hakenschlüssel DIN 1810-B52-55 für J01020B0144, J01021B0179, J01120B0088, J01121B0139, J01121A0157

Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N00080A0004	1 1/4"	sheath cutter for 1 1/4" corrugated cable Mantelschneider für für 1 1/4" Wellmantelkabel
N00080A0005	1 5/8"	sheath cutter for 1 5/8" corrugated cable Mantelschneider für 1 5/8" Wellmantelkabel



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N00050A0006	1/2" + 7/8"	double open ended wrench AF24/27 for J01120B0085; J01121B0136; J01020B0141; J01021B0174; J01020B0142; J01021B0175 Doppel-Maulschlüssel SW24/27 für J01120B0085; J01121B0136; J01020B0141; J01021B0174; J01020B0142; J01021B0175



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N00050A0007	7/8" + 1 1/4"	open ended wrench AF36 for J01120B0084; J01121B0132; J01020B0142; J01021B0175; J01120B0087; J01121B0138 Maulschlüssel SW36 für J01120B0084; J01121B0132; J01020B0142; J01021B0175; J01120B0087; J01121B0138



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N00050A0009	1 1/4"	open ended wrench AF50 for J01020B0143; J01021B0178; J01120B0087; J01121B0138 Maulschlüssel für SW50 J01020B0143; J01021B0178; J01120B0087; J01121B0138



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N00050A0010	1 5/8"	open ended wrench AF60 for J01020B0144; J01021B0179; J01120B0088; J01121B0139 Maulschlüssel SW60 für J01020B0144; J01021B0179; J01120B0088; J01121B0139

Sawing Guide Sägehilfe

20.9



Order no. Bestell-Nr.	Cable group; cable Kabelgruppe; Kabel	Remarks Anmerkungen
N00091A0016	1 1/4"	sawing guide for J01120B0087; J01121B0138; J01020B0143; J01021B0178; J01121A0156 Sägehilfe für J01120B0087; J01121B0138; J01020B0143; J01021B0178; J01121A0156
N00091A0017	1 5/8"	sawing guide for J01120B0088; J01121B0139; J01020B0144; J01021B0179; J01121A0157 Sägehilfe für J01120B0088; J01121B0139; J01020B0144; J01021B0179; J01121A0157

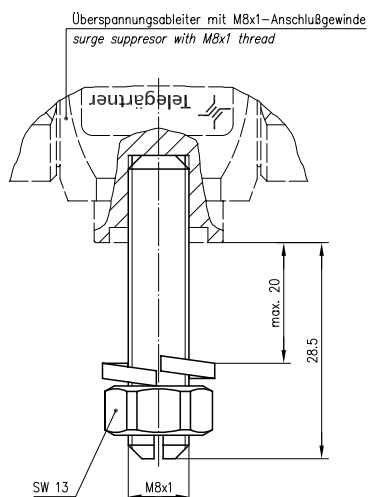
Manual Deburring Tool Handentgrater

20.10

Order no. Bestell-Nr.	Remarks Anmerkungen
N00099A0002	manual deburring tool for cable inner conductor for cable group G26 and G33 Handentgrater für Kabelinnenleiter für Kabelgruppe G26 und G33

Fixing Kit for Surge Suppressors Befestigungssatz für Überspannungsableiter

20.11



Order no. Bestell-Nr.	Remarks Anmerkungen
H06000A0024	fixing bolt for $\lambda/4$ Surge Suppressors Befestigungsbolzen für $\lambda/4$ Überspannungsableiter

Termination Tool Set for SIMFix Pro (1 1/4" and 1 5/8")
Montagekoffer für SIMFix Pro (1 1/4" und 1 5/8")



Order no.	Remarks
Bestell-Nr.	Anmerkungen
R00200A0011	Termination tool set for 1 1/4" + 1 5/8" SIMFix Pro Connectors Montagekoffer für 1 1/4" + 1 5/8" SIMFix Pro Steckverbinder

The pneumatically operated crimping presses are very rugged desk units, with high forces of pressure, and featuring a new mechanical safety system.

They are fully equipped with a wide range of inserts and tools, and can, therefore, be used for a multitude of varying crimp and press processes.

The mechanical safety system allows for piece-parts, which are to be crimped, pressed, or riveted etc., to be positioned with both hands during the power stroke, since this process is triggered by a foot-pedal. Should a foreign body thicker than 4,0 mm (Safecrimp 10/15), or alternatively thicker than 6,0 mm (Safecrimp 25/40), be present in the processing area of the machine, then the reliable safety mechanism automatically locks itself. The resultant force exerted on the foreign body, eg an operator's finger, is so small, that any kind of injury, however small, can be ruled out. The system ensures that the full press force only comes into operation when the distance between the tooling is smaller than the preset value, viz. 1 - 4 mm for the Safecrimp 10/15 and 1 - 6 mm for the Safecrimp 25/40. Prior to initial operation, only the crimping height has to be set exactly.

Obtrusive safety casings or expensive electronic monitoring facilities are not necessary.

The universal safety crimping presses are distributed solely by the company Schleuniger.

Should you have any queries or require further information, please contact:

Schleuniger CrimpTec AG
Fabrikstr. 172
CH - 4716 Welschenrohr SO,
Switzerland
Tel.: ++41 (0) 32 639 11 51
Fax: ++41 (0) 32 639 14 10
www.schleuniger.com

Die pneumatisch betriebenen Crimppressen sind sehr robuste Tischgeräte mit hohen Presskräften und einem neuartigen mechanischen Sicherheitssystem.

Sie können - durch vielfältige Bestückung mit Einsätzen und Werkzeugen - für unterschiedlichste Crimp- und Pressprozesse verwendet werden.

Das mechanische Sicherheitssystem gestattet, Teile, die vercrimpt, verpresst, vernietet oder anderweitig bearbeitet werden sollen, auch während des Krafthubes mit beiden Händen zu positionieren, da dieser per Fußpedal ausgelöst wird. Sobald sich Fremdkörper, die dicker als 4,0 mm (Safecrimp 10/15) bzw. dicker als 6,0 mm (Safecrimp 25/40) sind, im Arbeitsbereich der Werkzeuge befinden, verriegelt sich das System durch eine zuverlässige Mechanik selbstständig. Die auf den Fremdkörper, z. B. einen Finger des Bedieners, wirkende Kraft ist dabei so klein, dass Verletzungen ausgeschlossen sind. Das System sichert ab, dass die volle Presskraft erst dann wirkt, wenn der Abstand zwischen den Werkzeugen kleiner als der eingestellte Bereich (1 - 4 mm für Safecrimp 10/15 ; 1- 6 mm für Safecrimp 25/40) ist.

Vor Inbetriebnahme muß lediglich die Crimphöhe exakt eingestellt werden. Störende Sicherheitsumhausungen oder teure elektronische Überwachungseinrichtungen entfallen.

Die Universalsicherheitscrimppressen werden exklusiv von der Firma Schleuniger vertrieben.

Bitte wenden Sie sich bei Anfragen an:

Schleuniger CrimpTec AG
Fabrikstr. 172
CH - 4716 Welschenrohr SO,
Schweiz
Tel.: ++41 (0) 32 639 11 51
Fax: ++41 (0) 32 639 14 10
www.schleuniger.com

Universal Safety Crimping Presses

Universal Sicherheitscrimppressen



Remarks

Anmerkungen

Safecrimp 10; 10 kN force of pressure at 6.5 bar; cable cross-section 4.0 mm²

Safecrimp 10; 10 kN Presskraft bei 6,5 bar; Kabelquerschnitt bis 4,0 mm²

Safecrimp 15; 15 kN force of pressure at 6.5 bar; cable cross-section 6.0 mm²

Safecrimp 15; 15 kN Presskraft bei 6,5 bar; Kabelquerschnitt bis 6,0 mm²

Safecrimp 25; 25 kN force of pressure at 6.5 bar; cable cross-section 16.0 mm²

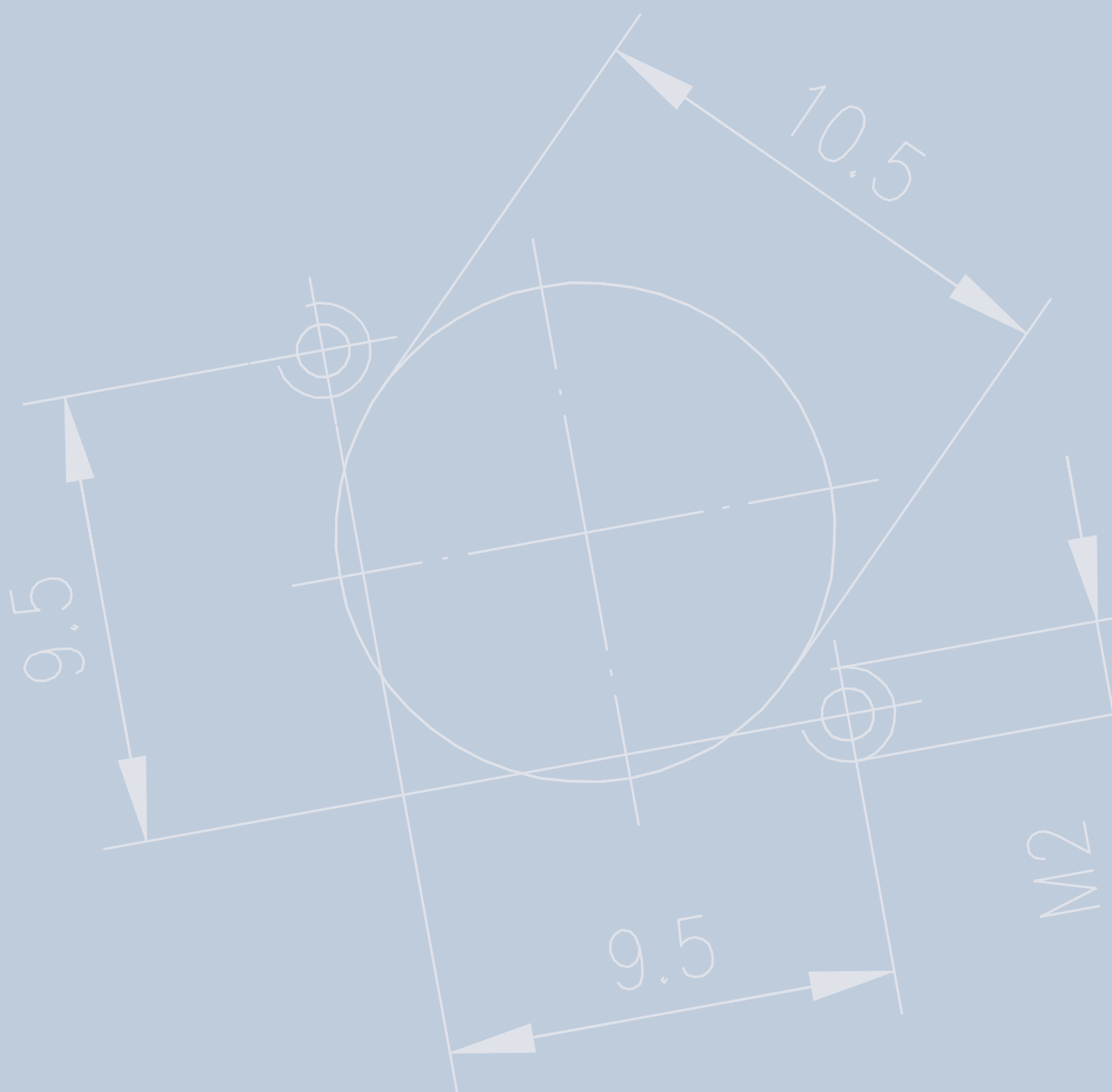
Safecrimp 25; 25 kN Presskraft bei 6,5 bar; Kabelquerschnitt bis 16,0 mm²

Safecrimp 40; 40 kN force of pressure at 6.5 bar; cable cross-section 35.0 mm²

Safecrimp 40; 40 kN Presskraft bei 6,5 bar; Kabelquerschnitt bis 35,0 mm²

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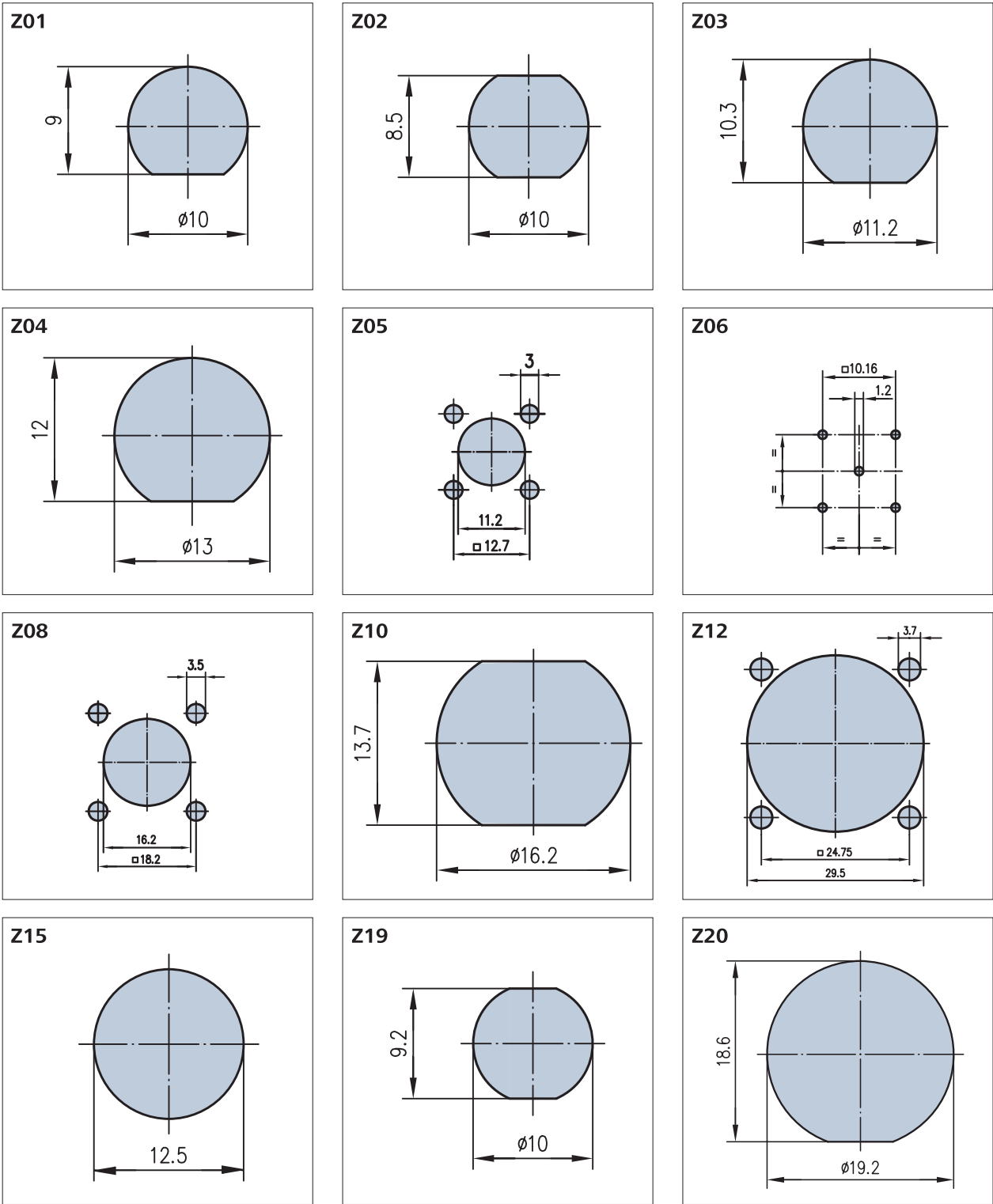
Mounting Dimensions Einbaumaße

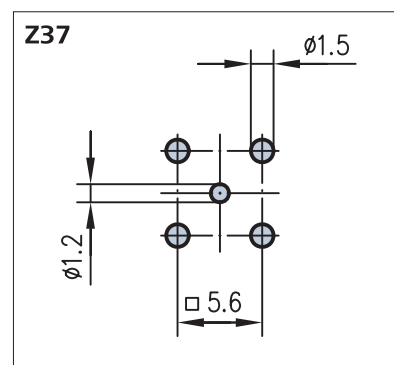
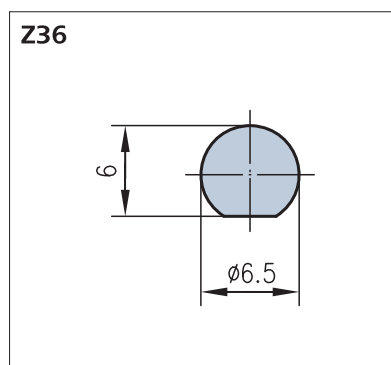
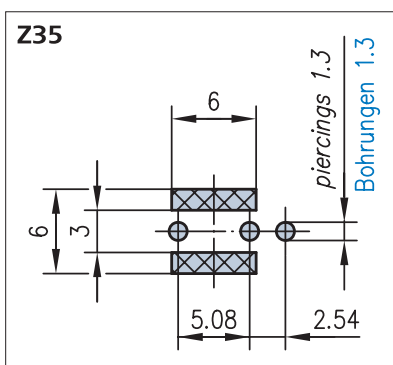
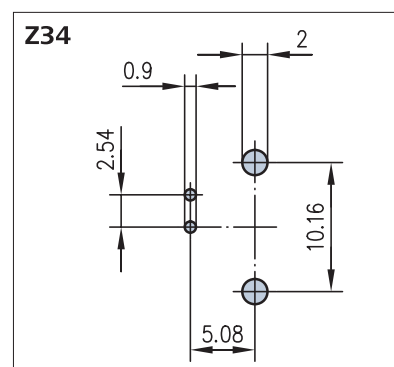
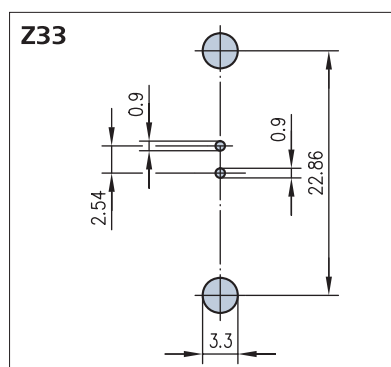
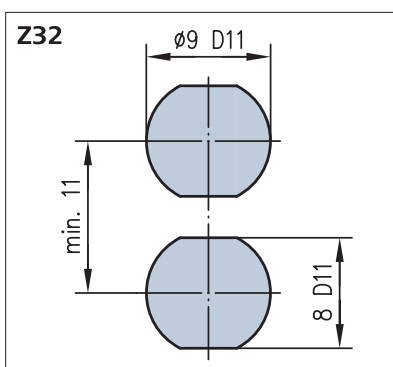
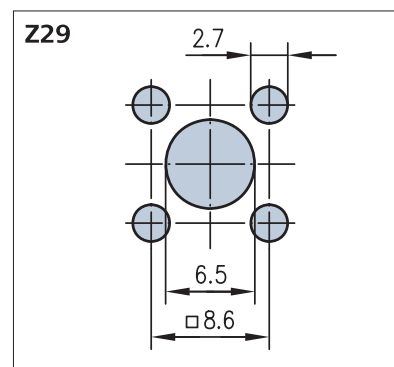
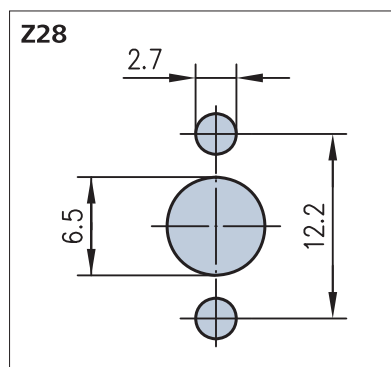
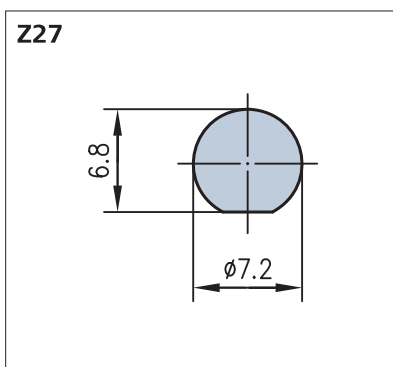
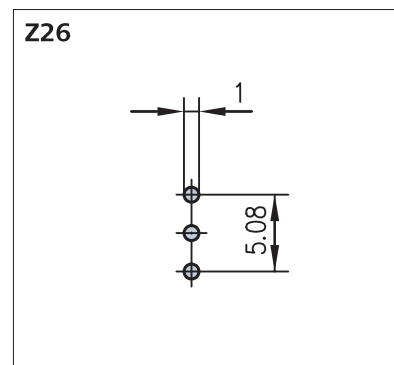
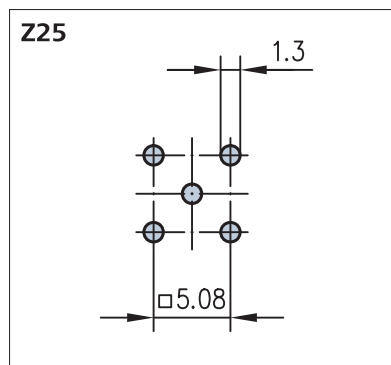
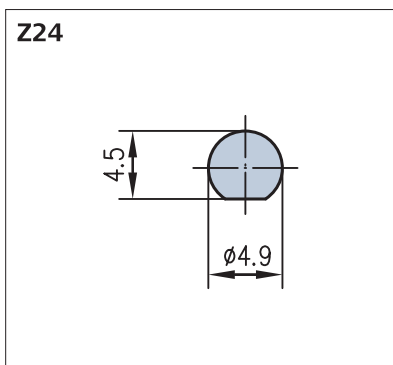
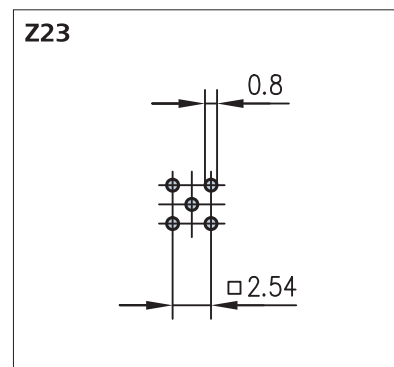
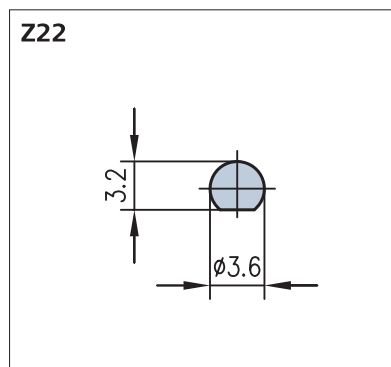
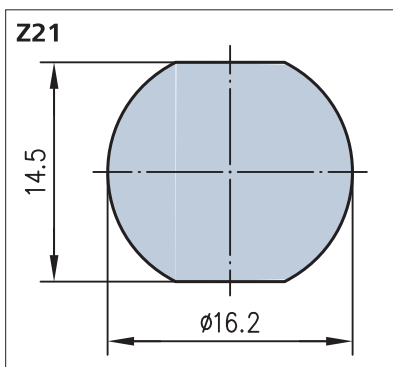


Mounting Dimensions Einbaumaße

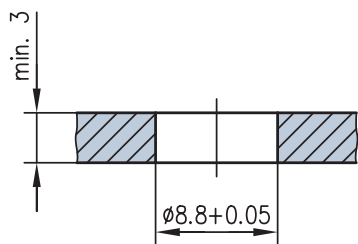
Telegärtner is keen to facilitate your product selection, and to offer practical support to you in your daily involvement with connectors. For this reason, on the following pages you will find all the mounting dimensions shown against diverse connectors as a Panel Mounting Code (e. g. Z04), as a kind of "working tool".

Telegärtner möchte Ihnen die Auswahl der Produkte zu erleichtern und Sie in der täglichen Praxis unterstützen. Als kleine „Arbeitshilfe“ finden Sie deshalb auf den folgenden Seiten unseres Kataloges alle Einbaumaße, die bei diversen Produkten als Einbaumaß-Code (z.B. Z04) angegeben sind.

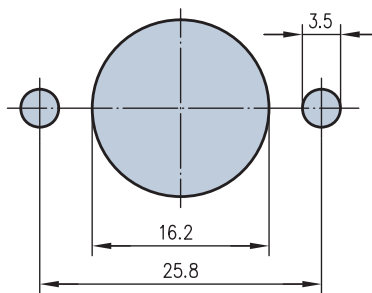




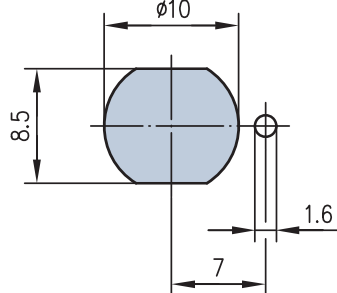
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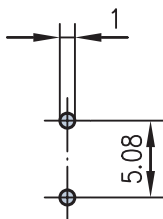
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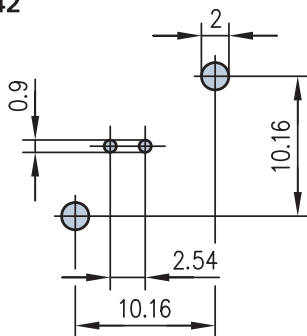
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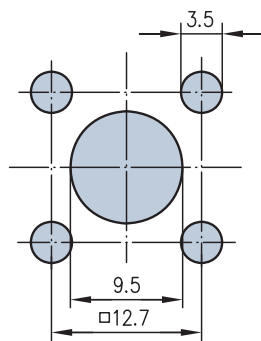
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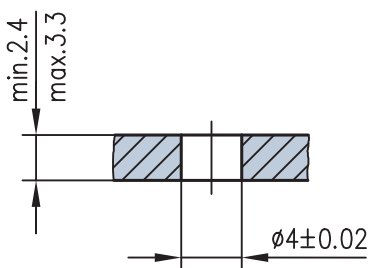
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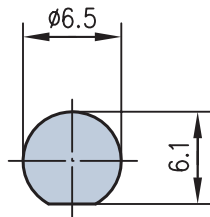
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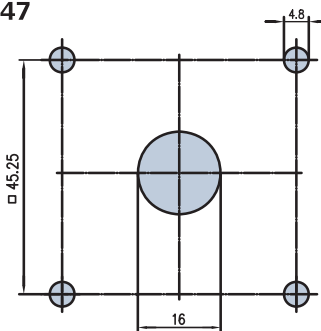
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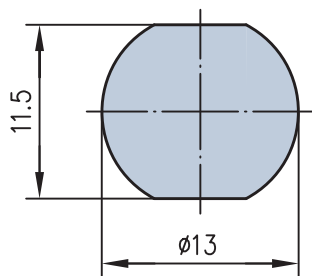
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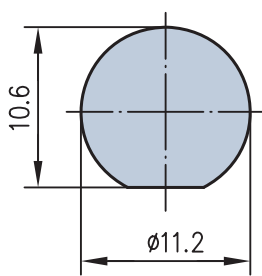
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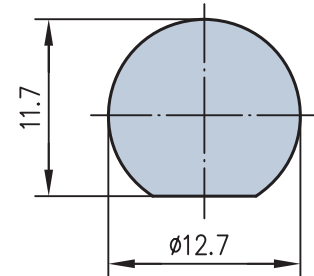
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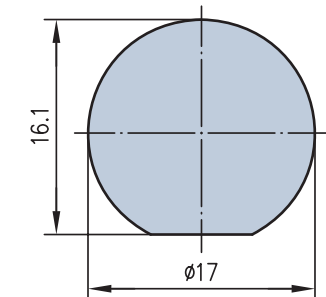
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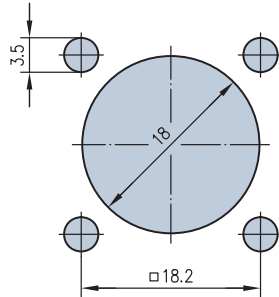
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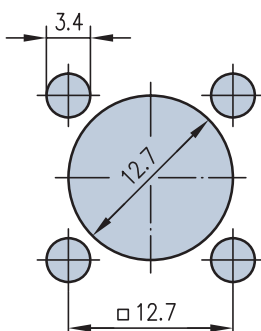
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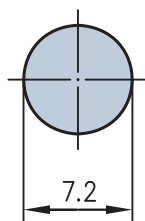
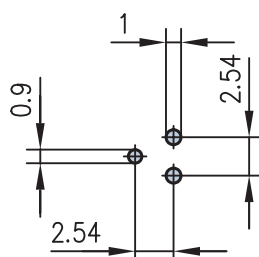
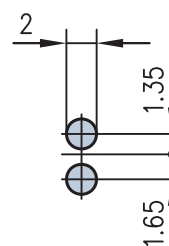
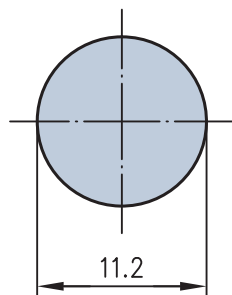
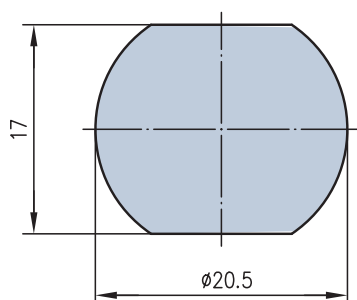
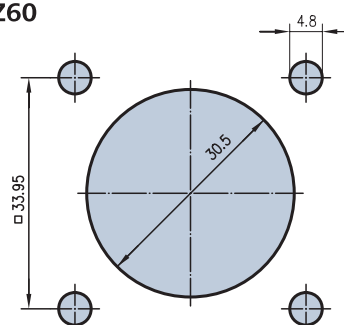
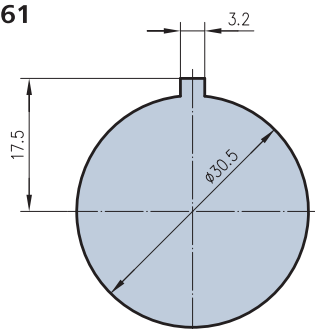
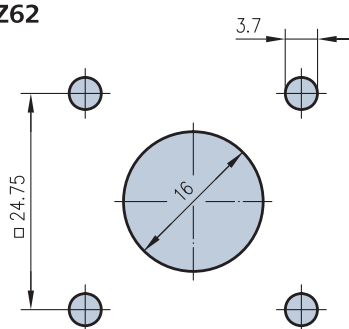
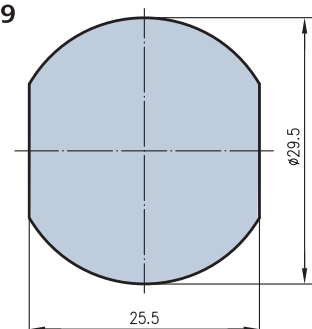
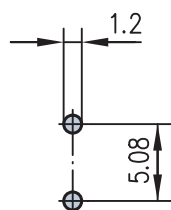
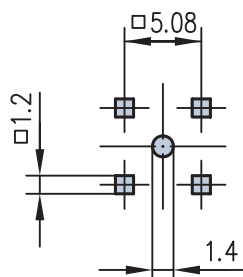
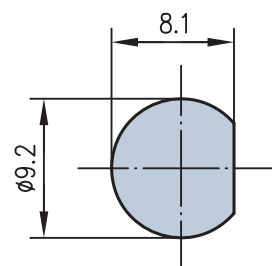
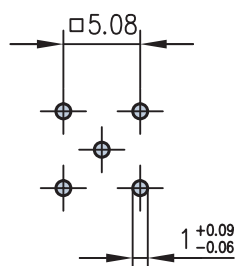
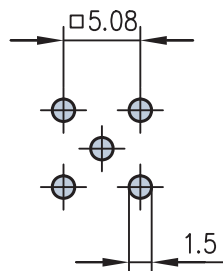
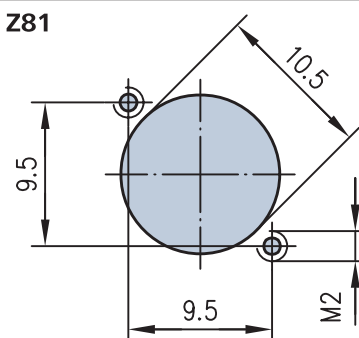


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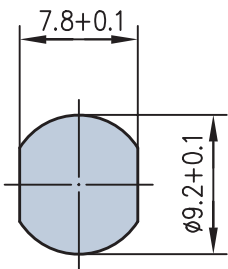


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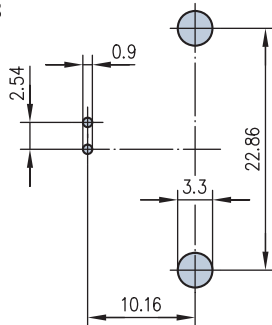


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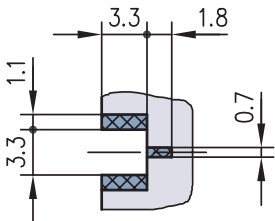


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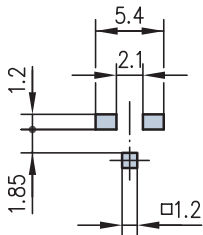
Z84

recommended solder areas
empfohlene Lötflächen



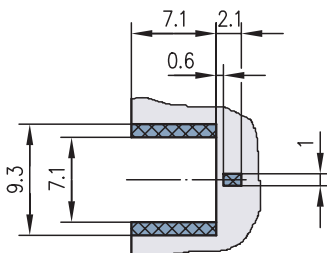
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recommended solder areas
empfohlene Lötflächen



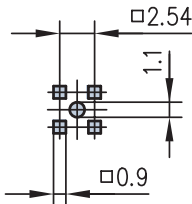
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recommended solder areas
empfohlene Lötflächen



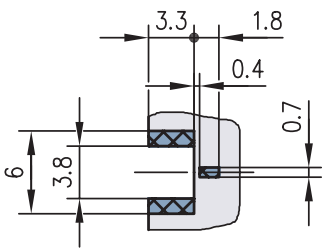
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recommended solder areas
empfohlene Lötflächen



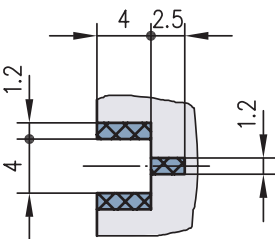
Z91

recommended solder areas
empfohlene Lötflächen



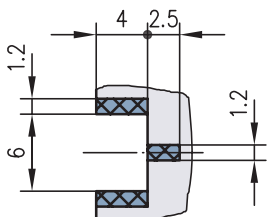
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recommended solder areas
empfohlene Lötflächen



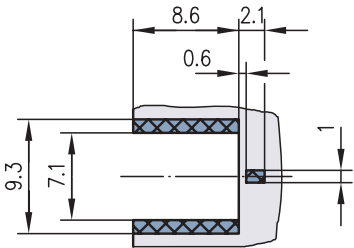
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recommended solder areas
empfohlene Lötflächen

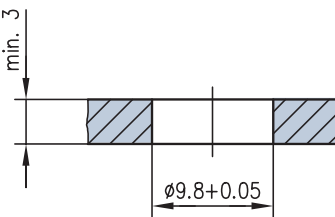


Z97

recommended solder areas
empfohlene Lötflächen

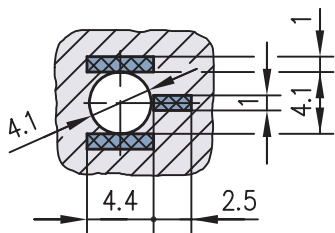


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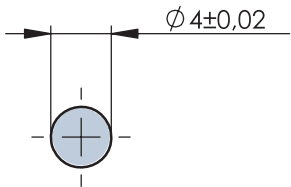


Z103

recommended solder areas
empfohlene Lötflächen



Z104



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Bestellnummern-Index

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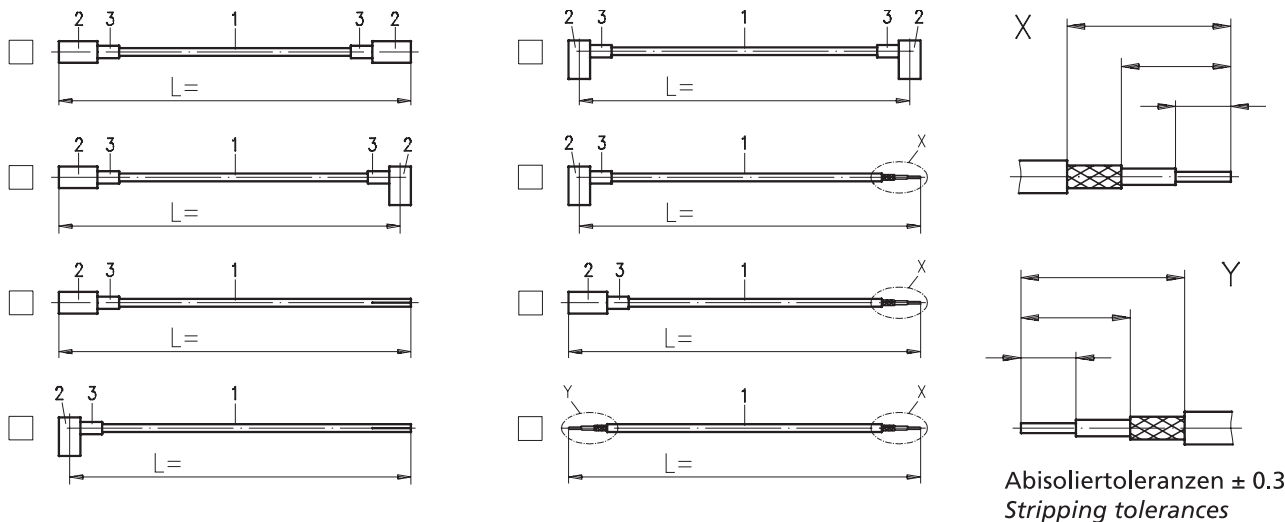
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J01151A0479.....	157	J01160A0238.....	182	J01161A0691.....	185	J01270A0228.....	204	L00010D0567.....	260
J01151A0491.....	155	J01160A0271.....	178	J01161A0698.....	185	J01270A0231.....	204	L00010D0568.....	260
J01151A0498.....	155	J01160A0279.....	179	J01161A0701.....	185	J01270A0239.....	204	L00010D0600.....	259
J01151A0499.....	155	J01160A0281.....	175	J01161A0708.....	185	J01270A0261.....	203	L00011A0135.....	145
J01151A0531.....	158	J01160A0288.....	175	J01162A0001.....	189	J01270A0268.....	203	L00011A0166.....	310
J01151A0539.....	158	J01160A0311.....	181	J01162A0009.....	189	J01270A0281.....	203	L00011A0167.....	310
J01151A0541.....	156	J01160A0318.....	181	J01170A0001.....	179	J01270A0291.....	204	L00011A1450.....	321
J01151A0549.....	156	J01160A0321.....	177	J01170A0009.....	179	J01271A0001.....	204	L00011A1451.....	321
J01151A0571.....	161	J01160A0328.....	177	J01170A0011.....	179	J01271A0009.....	204	L00011A1456.....	321
J01151A0578.....	161	J01160A0341.....	180	J01170A0019.....	179	J01271A0011.....	204	L00011A1457.....	321
J01151A0581.....	161	J01160A0349.....	180	J01170A0061.....	176	J01271A0019.....	204	L00011D0182.....	259
J01151A0588.....	161	J01160A0381.....	177	J01170A0069.....	176	J01271A0031.....	206	L00011D0183.....	259
J01151A0601.....	156	J01160A0388.....	177	J01170A0101.....	182	J01271A0038.....	206	L00011D0184.....	259
J01151A0609.....	156	J01160A0389.....	177	J01170A0107.....	182	J01271A0041.....	206	L00011D0185.....	259
J01151A0611.....	155	J01160A0391.....	177	J01170A0108.....	182	J01271A0101.....	205	L00011D0186.....	260
J01151A0619.....	155	J01160A0398.....	177	J01170A0131.....	181	J01271A0109.....	205	L00011D0187.....	260
J01151A0621.....	159	J01160A0399.....	177	J01170A0138.....	181	J01271A0131.....	205	L00011D0188.....	260
J01151A0629.....	159	J01160A0401.....	175	J01170A0151.....	177	J01271A0138.....	205	L00011D0189.....	260
J01151A0631.....	160	J01160A0409.....	175	J01170A0161.....	176	J01271A0141.....	205	L00011D0198.....	259
J01151A0641.....	159	J01160A0421.....	181	J01171A0001.....	185	J01271A0148.....	205	L00011D0199.....	259
J01151A0651.....	161	J01160A0428.....	181	J01171A0009.....	185	J01271A0151.....	205	L00012A0018.....	145
J01151A0671.....	156	J01160A0431.....	180	J01171A0011.....	185	J01271A0158.....	205	L00012A1452.....	321
J01151A0721.....	159	J01160A0449.....	180	J01171A0019.....	185	J01271A0161.....	206	L00012A1458.....	321
J01151A0741.....	158	J01160A0471.....	175	J01171A0021.....	185	J01271A0168.....	206	L00012D0061.....	259
J01151A0749.....	158	J01160A0479.....	175	J01171A0029.....	185	J01271A0181.....	204	L00012D0062.....	259
J01151A0811.....	160	J01160A0501.....	182	J01171A0041.....	183	J01271A0211.....	207	L00012D0063.....	259
J01151A0851.....	160	J01160A0511.....	180	J01171A0048.....	183	J01271A0218.....	207	L00012D0064.....	259
J01151A0891.....	158	J01160A0531.....	175	J01171A0051.....	183	J01271A0219.....	207	L00012D0065.....	260
J01151A0898.....	158	J01160A0538.....	175	J01171A0058.....	183	J01271C0031.....	206	L00012D0066.....	260
J01151A0911.....	155	J01160A0551.....	175	J01171A0171.....	186	J01340A0001.....	213	L00012D0067.....	260
J01151A0921.....	162	J01160A0558.....	175	J01171A0178.....	186	J01340A0011.....	214	L00012D0068.....	260
J01151A0931.....	162	J01160A0561.....	175	J01171A0181.....	188	J01340A0021.....	213	L00012D0073.....	259
J01151A0938.....	162	J01160A0568.....	175	J01171A0188.....	188	J01340A0031.....	213	L00012D0074.....	259
J01151A1011.....	160	J01161A0021.....	183	J01171A0191.....	188	J01340A0041.....	214	L00013A0013.....	145
J01151A1018.....	160	J01161A0029.....	183	J01181A0198.....	188	J01340A0051.....	214	L00013A0014.....	145
J01151A1061.....	155	J01161A0061.....	186	J01171A0201.....	186	J01340A0061.....	213	L00013A1453.....	321
J01151A1068.....	155	J01161A0068.....	186	J01171A0208.....	186	J01340A0071.....	214	L00013A1459.....	321
J01151A1071.....	157	J01161A0088.....	187	J01176A0001.....	189	J01340A0111.....	214	L00013D0056.....	259
J01151A1078.....	157	J01161A0141.....	187	J01180A0031.....	179	J01340A0121.....	214	L00013D0057.....	259
J01151A1081.....	157	J01161A0149.....	187	J01180A0039.....	179	J01340A0131.....	213	L00013D0058.....	259
J01151A1088.....	157	J01161A0151.....	187	J01190A0001.....	195	J01340A0141.....	213	L00013D0059.....	259
J01151A1091.....	156	J01161A0159.....	187	J01190A0009.....	195	J01340A0151.....	213	L00013D0061.....	260
J01151A1101.....	156	J01161A0161.....	187	J01190A0011.....	195	J01340A0161.....	213	L00013D0062.....	260
J01151A1111.....	156	J01161A0169.....	187	J01190A0019.....	195	J01341A0001.....	217	L00013D0063.....	260
J01151R0001.....	273	J01161A0171.....	186	J01190A0031.....	196	J01341A0021.....	215	L00013D0064.....	260

Spezifikationsblatt für konfektionierte HF-Kabel (Kopiervorlage) Specification form for RF cable assemblies (to be copied and filled out when required)

An/To: **Telegärtner Karl Gärtner GmbH** Von/From: _____
 Fax: **+49 (0) 71 57-125-120** _____



Kabel/Cable (1): _____ Muster anbei/Sample included

Steckverbinder/Connectors

	Linke Seite/Left Side	Rechte Seite/Right Side
Steckverbinder (2) Connector		
Knickschutz (3) Strain relief	☐ Tülle/cable relief ☐ Schrumpfschlauch/shrink sleeve Länge/length: _____ ☐ Selbstklebend/self adhesive	☐ Tülle/cable relief ☐ Schrumpfschlauch/shrink sleeve Länge/length: _____ ☐ Selbstklebend/self adhesive

Menge/Quantity: _____

Verpackung/Packaging

- ☐ Einzeln verpackt in PE-Tüte/Singly packed in PE- bag
☐ Etikett/Label: _____

Standardlieferzustand/Standard delivery form

Längentoleranzen gemäß Tabelle. Ab 1 m Kabellänge als Ring mit Ø 180 mm gewickelt, mit Gummischnur 2x abgebunden und im Transportkarton verpackt.

With length tolerances as stated in the table. From 1 m cable length twisted into a ring with Ø 180 mm, doubly secured with a rubber band and packed in a transportable cardboard box.

Toleranzen/Tolerances (siehe/see to DIN 47101)

Länge/ length (mm)	<500	>500 - 1.000	>1.000 - 1.500	>1.500 - 2.500	>2.500 - 4.000	>4.000 - 6.000	>6.000 - 8.000	>8.000 - 10.000	>10.000 - 20.000	>20.000 - 50.000
Tol.	± 5	10	15	25	40	60	100	300	600	1.000

Bemerkung/Remarks

Cable Group Dimensions / Cable-Types

Kabelgruppendimensionen / Kabel-Type

The following table can be used to assign a previously non-listed coaxial cable to one of our cable groups (see fold-out sleeve on the back of the catalogue). Here it is necessary to check whether the outer diameters of the inner conductors, of the dielectric, of the outer conductor and of the cable outer jacket fall within the tolerances shown.

Die folgende Tabelle dient der Zuordnung von bisher nicht gelisteten Koaxialkabeln in unsere Kabelgruppen (siehe Umklapper auf der Katalogrückseite). Zur Eingruppierung ist zu prüfen, ob die Durchmesser von Innenleiter, Dielektrikum, Außenleiter und Mantel in die angegebenen Toleranzen fallen.

Cable Group (example)	Impedance [Ω]	Inner Conductor		Dielectric		1. Braid (Tube)		2. Braid		Cable Jacket	
		Dia. [mm]	Tol. [mm]	Dia. [mm]	Tol. [mm]	Dia. [mm]	Tol. [mm]	Dia. [mm]	Tol. [mm]	Dia. [mm]	Tol. [mm]
G43 (0.24/0.68)	50	0.2	+/-0.03	0.6	+/-0.1	0.9	+/-0.13			1.2	+/-0.1
G34 (UT-47)	50	0.3	+/-0.03	0.9	+0.1/-0.15	1.2	+/-0.1				
G3 (RG-178 B/U)	50	0.3	+/-0.05	0.85	+/-0.1	1.3	+/-0.15			1.9	+/-0.2
G4 (RG-179 B/U)	75	0.3	+/-0.05	1.5 *	+/-0.2	2	+/-0.2			2.7	+/-0.3
G12 (0.315/1.95-3.7)	75	0.3	+/-0.05	1.95	+/-0.1	2.4	+/-0.1	2.9	+/-0.25	3.55	+/-0.15
G13 (0.4/2.5)	75	0.4	+/-0.05	2.4 *	+/-0.25	2.85	+/-0.15			3.8	+/-0.4
G19 (PSF 1/7M)	75	0.4	+/-0.1	1.8	+/-0.1	2.2	+/-0.1			2.8	+/-0.3
G29 (0.45/1.4)	50	0.45	+/-0.03	1.4	+/-0.1	2.2 ¹⁾	+/-0.2			2.9	+/-0.2
G7 (RG-316/U)	50	0.5	+/-0.03	1.5	+/-0.15	1.95	+/-0.15			2.7	+/-0.3
G8 (RD-316)	50	0.5	+/-0.03	1.5	+/-0.15	1.95	+/-0.15	2.35	+/-0.2	3	+/-0.3
G11 (UT-85)	50	0.5	+/-0.05	1.6	+0.1/-0.05	2.2	+/-0.05				
G14 (0.5/2.0-4.6)	50	0.5	+/-0.03	2	+/-0.1	2.8 ²⁾	+/-0.1			4.6	+/-0.4
G15 (0.5/2.95)	75	0.5	+/-0.03	2.95	+/-0.1	3.95 ³⁾	+/-0.15			5	+/-0.2
G41 (0.6/2.8-4.7)	75	0.6	+0.03/-0.05	2.9 *	+/-0.15	3.5	+/-0.1			4.7	+/-0.5
G2 (RG-59B/U)	75	0.6	+/-0.1	3.4	+/-0.4	4.2	+/-0.4			6	+/-0.5
G16 (0.6/3.7D)	75	0.6	+0.05	3.75	+/-0.1	4.3	+/-0.05	4.9	+/-0.05	6.3	+/-0.3
G17 (0.8/4.9DZ)	75	0.8	+/-0.05	4.9	+/-0.15	5.7	+/-0.1	6.3	+/-0.1	7.5	+/-0.3
G35 (0.8/3.7-7.3)	75	0.8	+/-0.05	3.8 *	+/-0.08	4.4	+/-0.1			7.3	+/-0.3
G39 (0.8/3.7-6.15)	75	0.8	+/-0.05	3.8 *	+/-0.1	4.5	+/-0.1			5.9	+/-0.4
G1 (RG-58 C/U)	50	0.9	+0.1	2.9 *	+0.1/-0.3	3.6	+/-0.15			4.95	+/-0.25
G10 (UT-141)	50	0.9	+/-0.05	2.95	+/-0.05	3.5	+/-0.1				
G5 (RG-223/U)	50	0.95	+/-0.08	2.95	+/-0.1	3.6	+/-0.15	4.25	+/-0.15	5.2	+/-0.4
G6 (RG-303/U)	50	0.95	+/-0.05	2.95	+/-0.1	3.6	+/-0.15			4.3	+/-0.2
G27 (9248)	75	1	+/-0.02	4.65 *	+/-0.1	5.15	+/-0.1			6.75	+/-0.25
G44 (1.1/2.95)	50	1.1	+/-0.07	3 *	+/-0.08	3.6	+/-0.15			4.95	+/-0.25
G40 (1.2/4.9)	75	1.15	+/-0.06	5 *	+/-0.07	5.6	+/-0.1			6.8	+/-0.2
G31 (RG-11 A/U)	75	1.2	+/-0.03	7.25	+/-0.15	8	+/-0.2			10.3	+/-0.3
G32 (RG-216/U)	75	1.2	+/-0.03	7.25	+/-0.15	8	+/-0.2	8.6	+/-0.2	10.8	+/-0.3
G30 (1.5/3.8)	50	1.42	+/-0.05	3.95 *	+/-0.15	4.55	+/-0.2			5.9	+/-0.4
G9 (UT-250)	50	1.63	+/-0.05	5.3	+/-0.1	6.35	+/-0.1				
G42 (2.7/7.1)	50	2.65	+/-0.07	7.2 *	+/-0.2	7.85	+/-0.25			10.3	+/-0.3
G37 (2.7/7.25)	50	2.75	+/-0.05	7.4 *	+/-0.15	8.1	+/-0.15			10.3	+/-0.2
G46 (4.2/11.5)	50	4.2	+/-0.03	11.6 *	+/-0.15	12.5	+/-0.15			14.7	+/-0.5
G47 (4.5/11.5)	50	4.47	+/-0.05	11.7 *	+/-0.15	12.45	+/-0.15			15	+/-0.2



* Including Foil

¹⁾ Remove PVC Foil (1.8+/-0.15)

²⁾ Remove PVC Foil (2.4+/-0.1)

³⁾ Remove PVC Foil (3.2+/-0.1)

* Inklusive Folie

¹⁾ PVC-Folie entfernt (1.8 +/-0.15)

²⁾ PVC-Folie entfernt (2.4 +/-0.1)

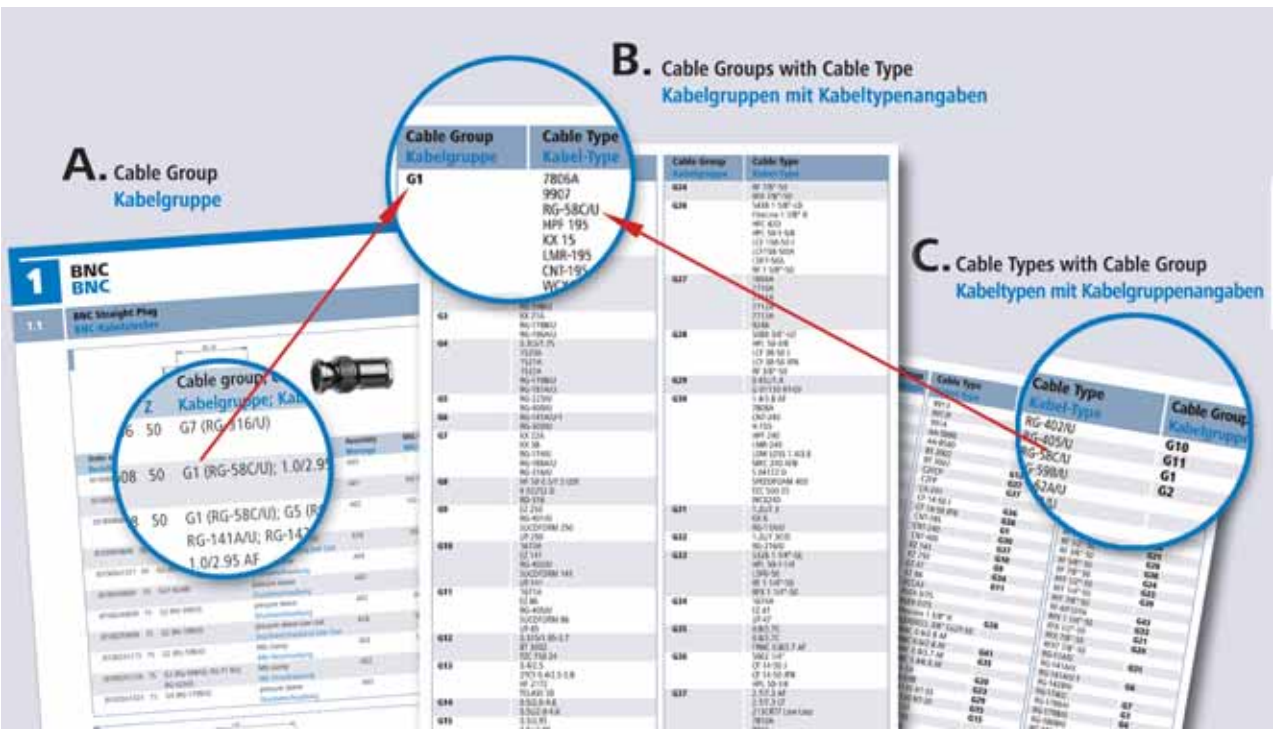
³⁾ PVC-Folie entfernt (3.2 +/-0.1)

We accept no liability for faults and errors. Irrtümer und Fehler vorbehalten.

Which Connector fits which Cable? Welcher Steckverbinder passt für welche Kabel?

By referring to the Cable Groups (G1 to G47) used in this catalogue, you will quickly find the right connectors - and as it happens for a large number of cables. The reason is that each individual cable group covers a large selection of cables with similar dimensions, which can all be terminated using the same connectors.

Mit den in diesem Katalog verwendeten Telegärtner Kabelgruppen (G1 bis G47) kommen Sie schnell zu den passenden Steckverbindern – und das für eine große Anzahl verschiedener Kabel. Denn die einzelnen Kabelgruppen beinhalten jeweils eine Auswahl von Kabeln mit ähnlichen Dimensionen, die für die gleichen Steckverbinder passen.



▣ Cable group identification (on the product pages)

Here, the individual order numbers are listed together with their corresponding technical characteristics. In the "Cable Group; Cable" column, you will find the cable group, e.g., G1 (RG-58C/U) together with an example of a cable from that group. Other possible cables can then be viewed on the fold-out page.

By the way: Special cable types which do not belong into any cable group are shown directly after the relevant connector. For example: G1 (RG-58C/U); RG-141 A/U (This connector can be used for terminating all cables in the group G1 as well as cable RG-141 A/U.)

▣ Cable group with cable type identification (On the inside of the fold-out page)

Here you will find the complete cable group in an easily ordered overview. Simply fold the page out so the inside of the fold-out page lies "next to" the product pages. This permits you to see easily and immediately which of the various cable types belong to a given cable group.

▣ Cable types with cable group identification (On the outside of the fold-out page)

Here, the table is organized according to cable types, rather than according to cable groups. Here you will find the matching Telegärtner cable group for each cable type. In addition, all other cable types are listed which cannot be assigned to any particular cable group, but for which appropriate connectors are available.

▣ Angabe der Kabelgruppe (Auf den Produktseiten)

Hier stehen die jeweiligen Bestellnummertabellen mit den entscheidenden Informationen. Hier wird in der Spalte „Kabelgruppe; Kabel“ die Kabelgruppe, z. B. G1 (RG-58C/U) mit einem Beispielkabel angegeben. Weitere mögliche Kabel können Sie dann der Ausklappseite entnehmen.

Übrigens: Spezielle Kabeltypen, die keiner Kabelgruppe angehören, sind direkt beim Steckverbinder vermerkt. Z. B.: G1 (RG-58C/U); RG-141 A/U (für diesen Steckverbinder können alle Kabel der Gruppe G1 sowie das Kabel RG-141 A/U verwendet werden)

▣ Kabelgruppen mit Kabeltypenangaben (Auf der Ausklapp-Innenseite)

Hier finden Sie die kompletten Kabelgruppen übersichtlich geordnet. Einfach ausklappen und damit die Innenseite des Ausklappers „neben“ die Produktseiten legen. So können Sie direkt einsehen, welche verschiedenen Kabeltypen in eine Kabelgruppe gehören.

▣ Kabeltypen mit Kabelgruppenangaben (Auf der Ausklapp-Außenseite)

Hier ist die Tabelle nicht nach Kabelgruppen, sondern nach Kabeltypen geordnet. Hier finden Sie zu jedem Kabeltyp die dazu gehörende Telegärtner Kabelgruppe. Zusätzlich sind alle weiteren Kabeltypen aufgelistet, die keiner Kabelgruppe angehören, für die jedoch passende Steckverbinder verfügbar sind.

Cable Group Kabelgruppe	Cable Type Kabel-Type
G1 (RG-58C/U)	RG-58C/U 7806A 9907 CNT-195 HPF 195 KX 15 LMR-195 WCX195
G2 (RG-59B/U)	RG-59B/U 0.6/3.7 0.6L/3.7 3C-2V 8241 KX 6A
G3 (RG-178B/U)	RG-178B/U KX 21A RG-196A/U
G4 (RG-179B/U)	RG-179B/U RG-187A/U 0.3LS/1.75 1520A 1521A 1522A
G5 (RG-223/U)	RG-223/U RG-400/U
G6 (RG-303/U)	RG-141A/U-1 RG-303/U
G7 (RG-316/U)	RG-174/U RG-316/U RG-188A/U KX 22A KX 3B
G8 (RD-316)	RD-316 HF 50 0.5/1.5 LDY K 02252 D
G9 (UT-250)	UT-250 RG-401/U EZ 250 SUCOFORM 250
G10 (UT-141)	UT-141 RG-402/U 1673A EZ 141 SUCOFORM 141
G11 (UT-85)	UT-85 RG-405/U 1671A EZ 86 SUCOFORM 86
G12 (0.315/1.95-3.7)	0.315/1.95-3.7 BT 3002 TZC 750 24
G13 (0.4/2.5)	0.4/2.5 2YCY 0.4/2.5-3.8 HF 2172 TECLASS 50
G14 (0.5/2.0-4.6)	0.5/2.0-4.6 0.5L/2.0-4.6
G15 (0.5/2.95)	0.5/2.95 0.5L/2.95 G 03130 HT-20 G 03233
G16 (0.6/3.7D)	0.6/3.7D PSF 1/3M
G17 (0.8/4.9DZ)	0.8/4.9DZ 8281 PSF 1/2M
G19 (PSF 1/7M)	PSF 1/7M SCART-U
G20 (1/4" FLEX)	5042 1/4"-Hiflex FSJ1-50 RFF 1/4"-50 SCF 14-50 J SCF 14-50 JFN
G21 (1/2")	5128 1/2"-LD HFC 12D HPL 50-1/2 LCF 12-50 J LCF 12-50 JFN LDF4-50A RF 1/2"-50 RFX 1/2"-50
G23 (1/2" FLEX)	5092 1/2"-Hiflex FSJ4-50B HFSC 12D HPL 50-1/2SF RFF 1/2"-50 SCF 12-50 J SCF 12-50 JFN UCF 12-50 J UCF 12-50 JFN
G24 (7/8")	5228 7/8"-LD HFC 22D HPL 50-7/8 LCF 78-50 J LCF 78-50 JFN LCF78-50JA LDF5-50A RF 7/8"-50 RFX 7/8"-50

Cable Group Kabelgruppe	Cable Type Kabel-Type
G26 (1 5/8")	5438 1 5/8"-LD FlexLine 1 5/8" R HFC 42D HPL 50-1-5/8 LCF 158-50 J LCF158-50JA LDF7-50A RF 1 5/8"-50
G27 (9248 Belden)	1694A 7710A 7711A 7712A 7713A 9248
G28 (3/8")	5088 3/8"-LD HPL 50-3/8 LCF 38-50 J LCF 38-50 JFN RF 3/8"-50
G29 (0.45/1.4)	0.45L/1.4 G 01130 HT-03
G30 (1.5/3.8)	LMR-240 H 155 1.4/3.8 AF 7808A CNT-240 HPF 240 LOW LOSS 1.4/3.8 MRC 240 AFB S 04172 D SPEEDFOAM 400 TZC 500 25 WCX240
G31 (RG-11A/U)	RG-11A/U 1.2L/7.3 KX 8
G32 (RG-216/U)	RG-216/U 1.2L/7.3C/D
G33 (1 1/4")	5328 1 1/4"-GL LCFS 114-50 JA HPL 50-1-1/4 LDF6-50 RF 1 1/4"-50 RFX 1 1/4"-50
G34 (UT-47)	UT-47 1674A EZ 47
G35 (0.8/3.7-7.3)	0.8/3.7C 0.8/3.7C FRNC 0.8/3.7 AF 5062 1/4" CF 14-50 J CF 14-50 JFN HPL 50-1/4
G36 (1/4")	LMR-400 2.7/7.3 AF 2.7/7.3 CF 213CRT7 Low Loss 7810A 9913 9913F 9914 C2FCP C2FP CNT-400 HPF 400 MRC 400 AFB SPEEDFOAM 700 WBC-400 WCX400
G39 (0.8/3.7-6.15)	0.8/3.7 AF 1505A TECLASS 80
G40 (1.2/4.9)	1.2L/4.9C AL-F C(Z) TECLASS 100 TECLASS 110
G41 (0.6/2.8-4.7)	0.6/2.8 AF 0.6/2.8C - HM 1855A 1855 ENH 46899 FRNC 0.6/2.8 AF
G42 (2.7/7.1)	213RT5 H 1000 H 2000 RT 50/20
G43 (0.24/0.68)	K 01152-7 RF-MF5016
G46 (4.2/11.5)	4.2/11.5 H 1500 S 12272-04 SICASS4.2L/11.5C-HMFR-NC
G47 (4.5/11.5)	LMR-600 WBC-600

Cable Type Kabel-Type	Cable Group Kabelgruppe	Cable Type Kabel-Type	Cable Group Kabelgruppe	Cable Type Kabel-Type	Cable Group Kabelgruppe
0.315/1.95-3.7	G12	9913	G37	MRC 240 AFB	G30
0.37/1.6-2.4 CV8A4C8P		9913F	G37	MRC 400 AFB	G37
0.3LS/1.7S	G4	9914	G37	NCX1 391300	
0.4/2.5	G13	AA-5886		0.53/2.45-3.6	
0.41/1.9 AF		AA-8580		OE 5085	
0.45L/1.4	G29	BT 2002		PSF 1/2M	G17
0.45L/1.9-2.9 VMM5x75Y		BT 3002	G12	PSF 1/3M	G16
0.5/2.0-4.6	G14	C2FCP	G37	PSF 1/7M	G19
0.5/2.95	G15	C2FP	G37	RD-316	G8
0.5L/2.0-4.6	G14	CA-241		RF 1 1/4"-50	G33
0.5L/2.95	G15	CF 14-50 J	G36	RF 1 5/8"-50	G26
0.6/2.8 AF	G41	CF 14-50 JFN	G36	RF 1/2"-50	G21
0.6/2.8C - HM	G41	CNT-195	G1	RF 3/8"-50	G28
0.6/3.7	G2	CNT-240	G30	RF 5/8"-50	G38
0.6/3.7D	G16	CNT-400	G37	RF 7/8"-50	G24
0.65/3.7-6.7		EZ 141	G10	RFF 1/2"-50	G23
0.6L/3.7	G2	EZ 250	G9	RFF 1/4"-50	G20
0.7/4.8		EZ 47	G34	RFF 7/8"-50	
0.8/3.7 AF	G39	EZ 86	G11	RF-MF5016	G43
0.8/3.7C	G35	FCCA3		RFX 1 1/4"-50	G33
0.8/3.7C (FR-NC)	G35	FLEX-3/75		RFX 1/2"-50	G21
0.8/4.9C/DZ		FLEX-7/75		RFX 7/8"-50	G24
0.8/4.9DZ	G17	FlexLine 1 5/8" R	G26	REXT 7/8"-50	
02Y(ST)CH 0.45/2.0-3.4		FLEXWELL 3/8" Cu2Y-50		RG-11A/U	G31
02Y(ST)CY 0.45/2.0-3.4		FRNC 0.6/2.8 AF		RG-141A/U	
02YS(ST)CH 0.45/2.0-3.4		FRNC 0.6/2.8 AF	G41	RG-141A/U-1	G6
02YS12YC(MS)C6Y		FRNC 0.8/3.7 AF	G35	RG-142B/U	
0.45/2.0-3.8		FRNC 1.4/6.6 AF		RG-174/U	G7
1.0/2.95 AF		FSJ1-50	G20	RG-178B/U	G3
1.0/6.6		FSJ4-50B	G23	RG-179B/U	G4
1.0/6.6 2YCY		G 01130 HT-03	G29	RG-180B/U	
1.2L/4.9C AL-F C(Z)	G40	G 03130 HT-20	G15	RG-187A/U	G4
1.2L/7.3	G31	G 03233	G15	RG-188A/U	G7
1.2L/7.3C/D	G32	G 05232		RG-195A/U	
1.4/3.8 AF	G30	H 1000	G42	RG-196A/U	G3
1.4/6.6 AF		H 1500	G46	RG-212/U	
1.4/6.6C		H 155	G30	RG-213/U	
1.5/4.8		H 2000	G42	RG-214/U	
1.5D-2V		HF 2172	G13	RG-216/U	G32
1.6/7.3 AF		HF 50 0.5/1.5 LDY	G8	RG-217/U	
1.6/6.5 2YCY		HF 75 0.3/1.95 DS		RG-223/U	G5
1505A	G39	HFC 12D	G21	RG-303/U	G6
1520A	G4	HFC 22D	G24	RG-316/U	G7
1521A	G4	HFC 42D	G26	RG-393/U	
1522A	G4	HFSC 12D	G23	RG-400/U	G5
1671A	G11	HPF 195	G1	RG-401/U	G9
1673A	G10	HPF 240	G30	RG-402/U	G10
1674A	G34	HPF 400	G37	RG-405/U	G11
1694A	G27	HPL 50-1/2	G21	RG-58C/U	G1
1855A	G41	HPL 50-1/2SF	G23	RG-59B/U	G2
1855 ENH	G41	HPL 50-1/4	G36	RG-62A/U	
2.3/10		HPL 50-1-1/4	G33	RG-6A/U	
2.5C-2V		HPL 50-1-5/8	G26	RG-71B/U	
2.5C-FW-2		HPL 50-3/8	G28	RT 50/20	G42
2.7/7.3 AF	G37	HPL 50-5/8	G38	S 04172 D	G30
2.7/7.3 CF	G37	HPL 50-7/8	G24	S 12272-04	G46
213CRT7 Low Loss	G37	HPP 100		SCART-U	G19
213RT5	G42	K 01152-7	G43	SCF 12-50 J	G23
2YC(MS)CY 0.4/2.5-4.8		K 01252 D		SCF 12-50 JFN	G23
2YC(MS)CY 0.5/3.0-6.0		K 02252 D	G8	SCF 14-50 J	G20
2YCCY 0.4/2.5-4.5		K 07252 D-01		SCF 14-50 JFN	G20
2YCCY 0.7/4.4-7.4		KX 15	G1	SCF 38-50 J	
2YCY 0.4/2.5-3.8	G13	KX 21A	G3	SCF 38-50 JFN	
2YCY 0.7/4.4-6.0		KX 22A	G7	SICASS4.2L/11.5C-	
3C-2V	G2	KX 3B	G7	HMFR-NC	G46
3D-2V		KX 6A	G2	SPEEDFOAM 400	G30
4.2/11.5	G46	KX 8	G31	SPEEDFOAM 700	G37
46899	G41	LCF 1/2" Cu2Y-50		SUCOFORM 141	G10
5042 1/4"-Hiflex	G20	LCF 12-50 J	G21	SUCOFORM 250	G9
5062 1/4"	G36	LCF 12-50 JFN	G21	SUCOFORM 86	G11
5088 3/8"-LD	G28	LCF 158-50 J	G26	TELASS 100	G40
5092 1/2"-Hiflex	G23	LCF 38-50 J	G28	TELASS 110	G40
5128 1/2"-LD	G21	LCF 38-50 JFN	G28	TELASS 50	G13
5228 7/8"-LD	G24	LCF 58-50 J	G38	TELASS 80	G39
5328 1 1/4"-GL	G33	LCF 7/8" Cu2Y-50		TZC 500 25	G30
5438 1 5/8"-LD	G26	LCF 78-50 J	G24	TZC 750 24	G12
7710A	G27	LCF 78-50 JFN	G24	UCF 12-50 J	G23
7711A	G27	LCF158-50JA	G26	UCF 12-50 JFN	G23
7712A	G27	LCF78-50JA	G24	UT-141	G10
7713A	G27	LCFS 114-50JA	G33	UT-141-35-TP	
7731A		LDF2-50		UT-250	G9
7806A	G1	LDF4.5-50	G38	UT-47	G34
7808A	G30	LDF4-50A	G21	UT-85	G11
7810A	G37	LDF5-50A	G24	WBC-400	G37
8218		LDF6-50	G33	WBC-600	G47
8228		LDF7-50A	G26	WCX195	G1
8241	G2	LMR-100A		WCX200	G44
8281	G17	LMR-195	G1	WCX240	G30
9248	G27	LMR-240	G30	WCX400	G37
9292		LMR-400	G37	YR23092	
9307		LMR-600	G47	YR23633	
9880		LOW LOSS 1.05/2.95			
9907	G1	LOW LOSS 1.4/3.8	G30		