

Outdoor Directional Panel Antenna

ODV-032R20B

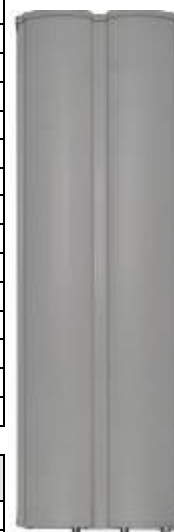
XPol, 806-960MHz, 32°, 20dBi

Comba

Technical Specifications

Electrical

Frequency Range	MHz	806-960
Polarization		± 45
Gain	dBi	20
Horizontal Beamwidth	deg	32
Vertical Beamwidth	deg	10
Electrical Downtilt Range	deg	0-10
First Upper Sidelobe Suppression	dB	> 17
Front-To-Back Ratio	dB	> 28
VSWR		≤ 1.5:1
Isolation Between Ports	dB	> 30
Cross-polar Discrimination @ 0°	dB	> 17
3rd Order Intermodulation @ 2x43 dBm	dBc	< -150
Maximum Power per Port	W	250
Impedance	Ω	50
Lightning Protection		Direct Ground

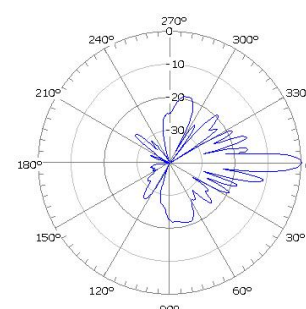
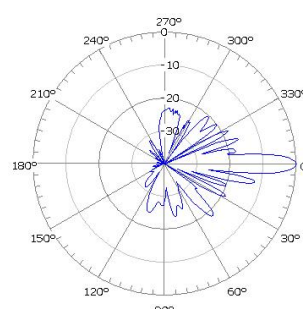
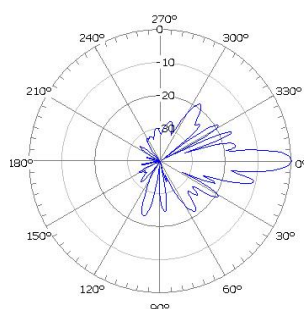


Mechanical

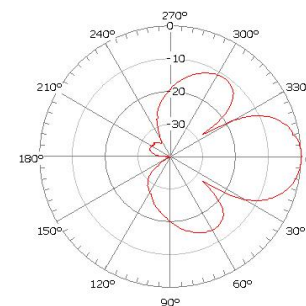
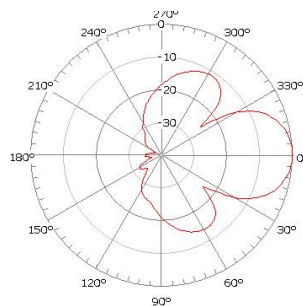
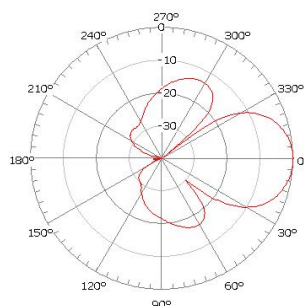
Dimensions, HxWxD	mm (in)	1977x560x141 (77.7x22.0x5.6)
Weight, without Mounting Kit	kg (lb)	52 (114.6)
Weight, with Mounting Kit	kg (lb)	58 (128.0)
Radome Material and Color		Fiberglass, Light Grey, RL7035
Mounting Kit		00-ZJ11(12)
Reflector Material		Aluminum
Radiating Element Material		Zinc Composite
Connector Type and Location		4 x 7/16 DIN-Female, Bottom
Operational Temperature	°C	-55 to +70
Operational Humidity	%	≤ 95
Operational Wind Speed	km/h (mph)	200 (124.3)
Shipping Dimensions, HxWxD	mm (in)	2309x704x300 (90.7x27.7x11.8)
Shipping Weight	kg (lb)	74 (163.3)

Antenna Pattern

Vertical pattern



Horizontal pattern



824MHz @ 0°

915MHz @ 0°

960MHz @ 0°