

Outdoor Directional Panel Antenna

ODP-032R18B

XPol, 806-960MHz, 32°, 18.0dBi



Technical Specifications

Electrical

Frequency Range	MHz	806-866	820-896	870-960
Polarization		± 45		
Gain	dBi	17.2 ± 0.3	17.4 ± 0.4	17.8 ± 0.4
Horizontal Beamwidth	deg	32 ± 4		
Vertical Beamwidth	deg	14 ± 2		
Electrical Downtilt Range	deg	0.3		
First Upper Sidelobe Suppression	dB	> 16		
Front-To-Back Ratio	dB	> 28		
VSWR		≤ 1.5:1	≤ 1.4:1	
Isolation Between Ports	dB	> 30		
Cross-polar Discrimination @ 0°		> 17		
3rd Order Intermodulation @ 2x43 dBm	dBc	< -107		
Maximum Power	W	500		
Impedance	Ω	50		
Lighting Protection		Direct Ground		

Mechanical

Dimensions, HxWxD	mm (in)	1315x552x141 (51.77x21.73x5.55)
Weight,	kg (lb)	20 (44.09)
Radome Material and Color		UV Resistant PVC, Light Grey
Mounting Kit		00-Z110
Reflector Material		Aluminum
Radiating Element Material		Zinc Composite
Connector Type and Location		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)	1735x715x320 (68.31x28.15x12.60)
Shipping Weight	kg (lb)	35.5 (78.26)



Antenna Pattern

