

Directional Panel Antenna

XXXPol, 824-960/1710-2170/2500-2690MHz, 65°,
ODV-065R15B15J15J 14.5/15.0/15.0dBi

Comba

Technical Specifications

Electrical						
Frequency Range	MHz	824-896	870-960	1710-1880	1880-2170	2500-2690
Polarization		± 45				
Gain	dBi	13.88-14.57	14.18-15.32	14.19-14.82	14.19-15.95	14.72-15.77
Horizontal Beamwidth	deg	69-63	68-62	73-65	68-58	66-51
Vertical Beamwidth	deg	14.70-13.00	13.50-12.00	15.12-13.47	13.56-11.11	13.50-10.40
Electrical Downtilt Range	deg	0-12		0-8		
First Upper Sidelobe Suppression	dB	> 13				
Front-To-Back Ratio	dB	> 25				
VSWR		≤ 1.5:1				
Isolation Between Ports	dB	> 28				>25
Cross-polar Discrimination @ 0°	dB	> 17				
3rd Order Intermodulation @ 2x43dBm	dBc	< -150				
Maximum Power Per Port	W	500		250		
Impedance	Ω	50				
Lightning Protection		Direct Ground				



Mechanical		
Dimension,HxWxD	mm (in)	1310x335x145 (51.6x13.2x5.7)
Weight	kg (lb)	20 (44.1)
Radome Material and Color		PVC, Light Grey
Azimuth Adjustment per Antenna	deg	± 10
Reflector Material		Aluminum
Radiating Element Material		Zinc Composite
Connector Type and Location		6 x 7/16 DIN-Female, inside of chassis
Operational Temperature	°C	-55 to +70
Operational Humidity	%	≤ 95
Operational Wind Speed	km/h (mph)	200 (124.3)

Antenna Pattern

