

5974308NF0

Hex Band | Panel Antenna | X-Pol | 68° / 68° / 65° / 65° / 65° / 65° | 9 / 9 / 12.5 / 12.5 / 12.5 / 12.5 dBi | Fixed Tilt

- Hex band, X-Pol, fixed tilt, panel antenna
- Fixed tilt on each band 0° / 0° / 0° / 0° / 0° / 0°
- Mounting and downtilt brackets included



Electrical Characteristics		(2x) 698-960 MHz			(4x) 1710-2690 MHz		
Frequency Bands (MHz)		698-806	806-870	870-960	1710-1880	1880-2170	2170-2690
Polarization		(2x) ±45°			(4x) ±45°		
Horizontal Beamwidth		68° ± 10°			65° ± 10°		
Vertical Beamwidth		65°			33°		
Gain		8.0 dBi	8.5 dBi	9.0 dBi	11 dBi	11.5 dBi	12.5 dBi
Electrical Downtilt		0°			0°		
Impedance		50Ω					
VSWR		≤ 1.5:1			≤ 1.5:1		
Front-to-Back Ratio (180° ±30°)		> 20 dB			> 25 dB		
Isolation		> 25 dB			> 25 dB		
IM3 (2x43dBm carrier)		-150 dBc					
Input Power		250 W			250 W		
Total Number of Connectors		Antenna has 10 connectors located at the bottom					
Connectors Per Band, Type, Location	698-960 MHz	2 Connectors / 4.3-10 Female / Bottom					
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	1710-2690 MHz	2 Connectors / 4.3-10 Female / Bottom					
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Lightning Protection		DC Ground					
Operating Temperature		-40° to 60° C (-40° to 140° F)					
Mechanical Characteristics							
Radome Material		Fiberglass, Grey					
Dimensions (Length x Width x Depth)		990 x 328 x 148 mm			39.0 x 12.9 x 5.8 in		
Weight without Mounting Brackets		10.5 kg			23.1 lbs		
Operational Humidity		< 95%					
Operational Wind Speed		200 km/hr			124 mph		
Mounting Characteristics							
Attaches to Pipe Diameter		Ø45-Ø95 mm			Ø1.8-Ø3.7 in		

Quoted performance parameters are provided to offer typical, peak or range values only and may vary as a result of normal testing, manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to products may be made without notice.