

RW-9061-5002

4.9 – 6.06 GHz, flat panel, dual polarization antenna

Product Specifications

Electrical	
Frequency Range	4.9- 6.06 GHz
Gain	14.5 dBi @ 4.9-4.95 GHz 15.0 dBi @ 4.95-5.15 GHz 15.5 dBi @ 5.15-5.47 GHz 16.5 dBi @ 5.47-6.0 GHz 13.5 dBi @ 6.0-6.06 GHz
VSWR	2.0 : 1 (max) 1.7 : 1 (typ) @ 4.9-6.0 GHz 2.5 : 1 (max) @ 6.0-6.06 GHz
3 dB EL Beamwidth	8° (typ)
3 dB AZ Beamwidth	60° (typ)
Polarization	Dual Linear (Vertical and Horizontal)
Cross Polarization	-15 dB (typ)
F/B Ratio	20 dB (max)
EL Side Lobes Level	-12 dB (typ)
Port To Port Isolation	22 dB (min) 25 dB (typ)
Input Impedance	50 Ohm
Input Power	20W (max)
Lightning Protection	DC grounded
Mechanical	
Dimensions (L x W x H)	500 x 200 x 30mm
Weight	1.5 kg
Connector	Two N-type female
Radome	Plastic
Radome Thickness	2.0 ± 0.2 mm
Mounting Kit	Supplied
Environmental	
Temperature	-45°C to +70°C (IEC 68-2-1, IEC 68-2-2, IEC 68-2-14)
Vibration	Random 4M5 (IEC 60721-3-4)
Shock Mechanical	4M5 (IEC 60721-3-4)
Humidity	Up to 95% (ETSI EN300-2-4, T4.1E)
Water Tightness	IEC 529, IP67
Flammability	UL 94, class HB
Solar Radiation	ASTM G53
Salt Spray	IEC 68-2-11 Ka
Ice and Snow	Up to 25mm Radial
Wind Speed	Survival 220 km/h Operation 160 km/h



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