

# RW-9061-5002

4.9 – 6.06 GHz, flat panel, dual polarization antenna

## Product Specifications

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



### Corporate Headquarters

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