

RADWIN 5000 HPMP

RW-9061-2002 Sector Antenna - Data Sheet

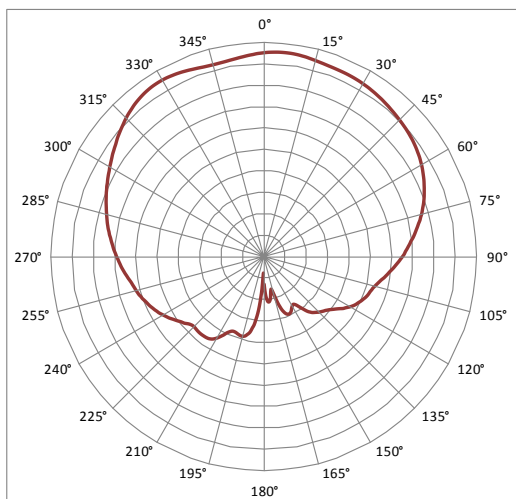


RADWIN Antennas

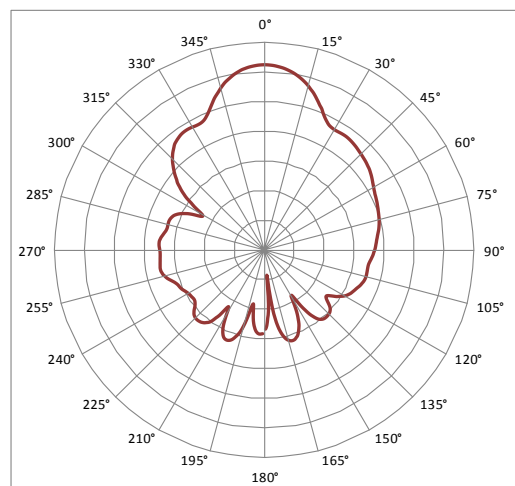
RW-9061-2002 is an external Base Station antenna, 90°, dual polarization with 13dBi gain, supporting 2.3 - 2.7 GHz frequency range and complies with ETSI regulations

Antenna Pattern:

Azimuth Radiation Pattern @ 2.4 GHz



Elevation Radiation Pattern @ 2.4 GHz



Product Specifications

Electrical	
Frequency Range	2.3 - 2.7 GHz
Gain	13 dBi (min)
VSWR	1.7:1 (max)
Azimuth Beam-width	90° (typ)
Elevation Beam-width	20° (typ)
Polarization	Linear (Vertical & Horizontal)
Sidelobes Level	-12 dB (max)
Cross Polarization	-20 dB (typ)
F/B Ratio	-25 dB (max)
Port to Port Isolation	30 dB (min)
Input Impedance	50 (ohm)
Input Power	6W (max)
Lightning Protection	DC Grounded
Mechanical	
Dimensions (L x W x D)	371 x 371 x 40 mm (max)
Weight	2.5 Kg (max)
Connector	2 x N type female
Radome	Plastic
Base Plate	Aluminum with chemical conversion coating
RF Cable	2 x Coax cables with N-type connectors, 1.2m, supplied
Mounting Kit	Supplied
Environmental	
Operating Temperatures	-45°C to 70°C / -49°F to 158°F
Humidity	ETSI EN300-2-4 T4.1E
Water Tightness	IP67
Flammability	UL94
Salt Spray	IEC 68-2-11 Ka
Ice and Snow	Up to 25mm Radial
Wind Speed	Survival: 220 Km/h Operation: 160 Km/h
Wind Load	Front Thrust: 39.6 Kg Side Thrust: 4.3 Kg
Compliance	
Regulatory Compliance	ETSI EN 302 085 v1.1.2(2001-02) RoHS, CE 0682

Ordering Information

Part Number: RW-9061-2002

Description: Dual polarization sector antenna, 90 degrees, gain 13dBi, 2.3-2.7 GHz

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