

RW-9061-5001

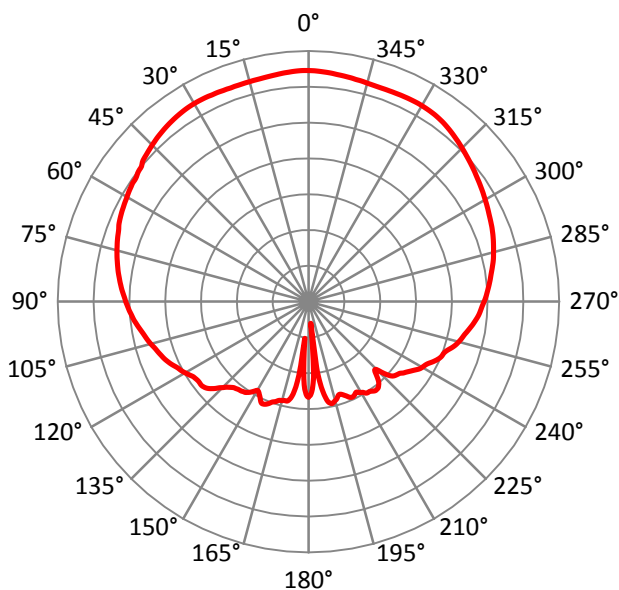
Product Data Sheet

RADWIN ANTENNAS

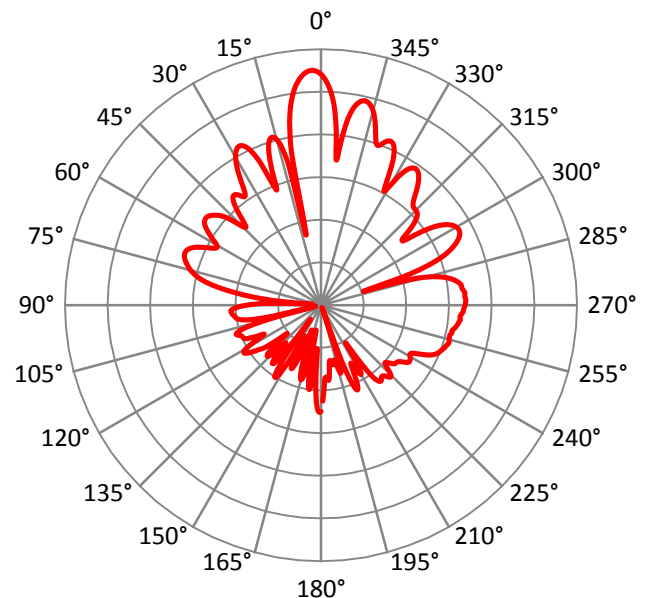


RW-9061-5001 is a 4.90 – 5.95 GHz, 14 dBi 90deg Dual Polarization Base Station Antenna, compatible with RADWIN 5000 portfolio

Antenna Pattern



Azimuth at 5.75 GHz



Elevation at 5.75 GHz

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RW-9061-5001 - Product Specifications

ELECTRICAL	
Frequency Range	4.90 – 5.95 GHz
Minimum Peak Gain	14 dBi (min)
VSWR	2 :1 (max) 1.7 : 1 (typ)
3 dB Beamwidth (Azimuth)	Port-V 90° (typ) @11dBi Gain Port-H 90° (typ) @10dBi Gain
3 dB Beamwidth (Elevation)	8° (typ)
Polarization	Dual Linear Vertical + Horizontal
Side Lobes Level	-10 dB (typ.)
Cross Polarization	-25dB (typ) -15dB (max)
F/B Ratio	- 25 dB (max)
Port to Port isolation	- 30 dB (min)
MECHANICAL	
Dimensions (L x W x H)	500 x 200 x 30 mm
Weight	1.5 kg
Connector	2 x N-type female
Radome	Plastic
Base Plate	Aluminum with chemical conversion coating
Mounting Kit	Supplied
ENVIRONMENTAL	
Temperature	-55°C to +71°C (IEC 68-2-1)
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
Wind Speed	Survival 220 km/h Operation 160 km/h

Ordering Info

Part Number: RW-9061-5001

Description: Base station Flat panel antenna, dual polarization, gain 14dBi, 4.90-5.950 GHz bands, 90°

Corporate Headquarters, T. +972.3.766.2900, E. sales@radwin.com, www.radwin.com

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