

# RW-9061-5002

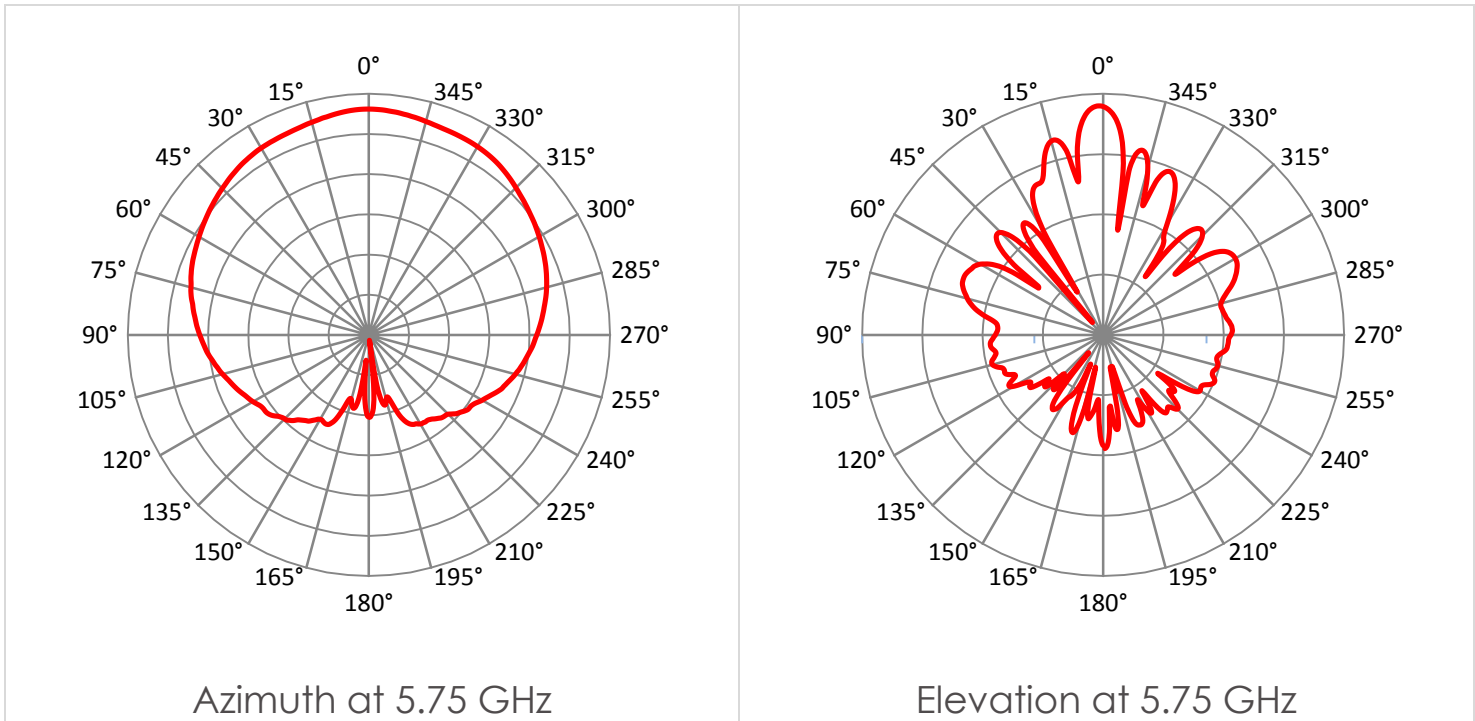
Product Data Sheet



RADWIN ANTENNAS

RW-9061-5002 is a 4.9 – 6.06 GHz, 16.5dBi, 60° Dual Polarization Base Station Antenna, compatible with RADWIN 5000 portfolio

## Antenna Pattern



## RW-9061-5002 - Product Specifications

ELECTRICAL	
Frequency Range	4.9 – 6.06 GHz
Minimum Peak 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 :1 (max) 1.7 : 1 (typ) @ 4.9-6.0 GHz 2.5 :1 (max) @ 6.0-6.06 GHz
3 dB Beamwidth (Azimuth )	60° (typ)
3 dB Beamwidth (Elevation )	8° (typ)
Polarization	Dual Linear Vertical + Horizontal
Cross Polarization	-15 dB (typ)
F/B Ratio	20dB (max)
EI Side lobes Level	-12dB (typ)
Port To Port Isolation	22 dB (min) 25 dB (typ)
Input Impedance	50 Ω
Input Power	20W (max)
Lightning Protection	DC Grounded
MECHANICAL	
Dimensions ( L x W x D )	500 x 200 x 30 mm (max)
Weight	1.5 kg (max)
Connectors	2 x N-type female
Base Plate	Aluminum with chemical conversion coating
Radome	Plastic
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-9061-5002

**Description:** Base station Flat panel antenna, dual polarization, gain 15dBi, 4.90-5.950 GHz bands, 60°

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