

RADWIN Flat External Antenna

Dual Polarization-Directional Antenna - Data Sheet



RW-9105-5158

Product Description

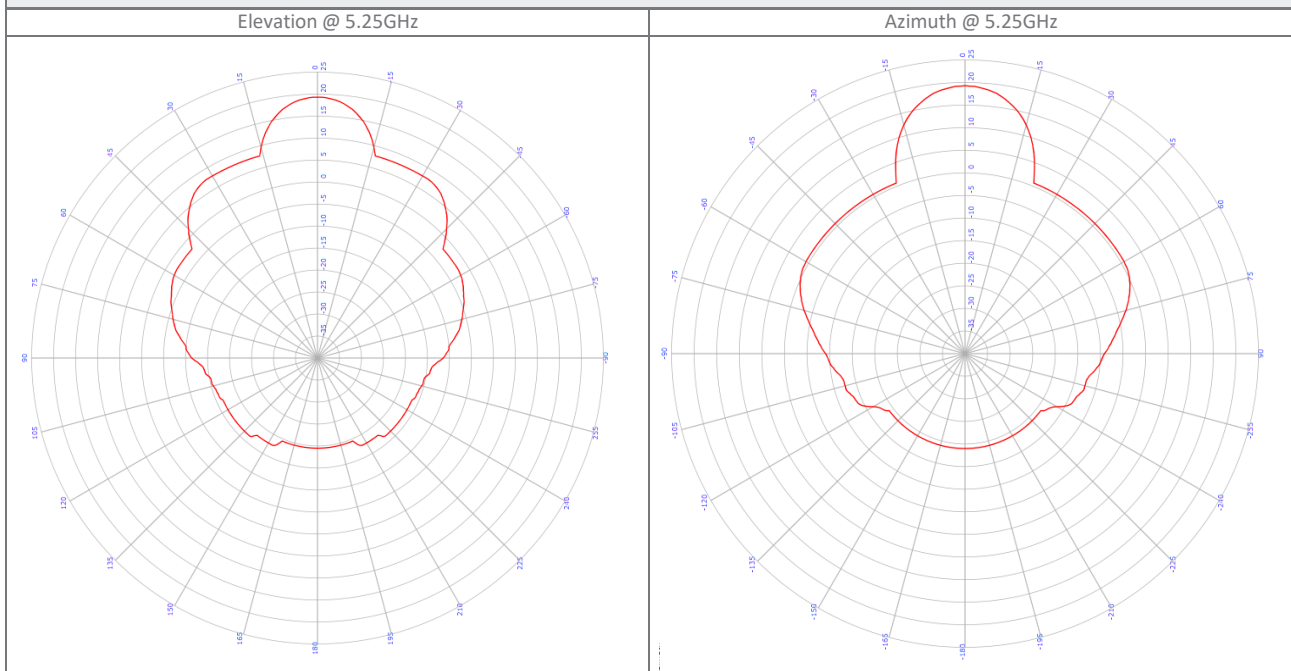
RW-9105-5158 is a high performance Dual Polarization-Directional antenna, 17 deg. beamwidth, supports 4.9 - 6.1 GHz frequency range.

Product Highlights

- Lightweight and rugged design
- Dual Linear (Vertical & Horizontal) polarization
- N-TYPE RF connector/s
- Easily installed

Product Specifications:

Electrical	
Frequency range	4.9 - 6.1 GHz
Gain	19 dBi
VSWR	1.5 : 1 (typ)
3db Beamwidth Azimuth	17 °
3db Beamwidth Elevation	17 °
Polarization	Dual Linear (Vertical & Horizontal)
Side-lobes Level	-10 dB (max)
Cross polarization	-20 dB (max)
F/B Ratio	-30 dB (max)
Mechanical	
Dimensions	190 x 190 x 30.5 mm
Weight	0.7 Kg
Radome	Plastic
Environmental	
Temperature range	-45 Deg to +70 Deg
Wind speed	Survival 220 Km/h; Operation 160 km/h
Input Impedance	50 Ohm
Lightning Protection	DC Ground
Vibration Shock	IEC-60721
Humidity	0 - 95%
Ingress Protection	IP67
Solar Radiation	ASTM G53
Salt Spray Corrosion	IEC68-2-11Ka
Flammability	N/A
Antenna Pattern	



Ordering Info

Part Number: RW-9105-5158

Description: Flat Antenna, Dual Polarization-Directional, Gain 19 dBi, Frequency Range 4.9 - 6.1 GHz;