

RADWIN Dish External Antenna

Dual Polarized Antenna - Data Sheet



RW-9628-5872

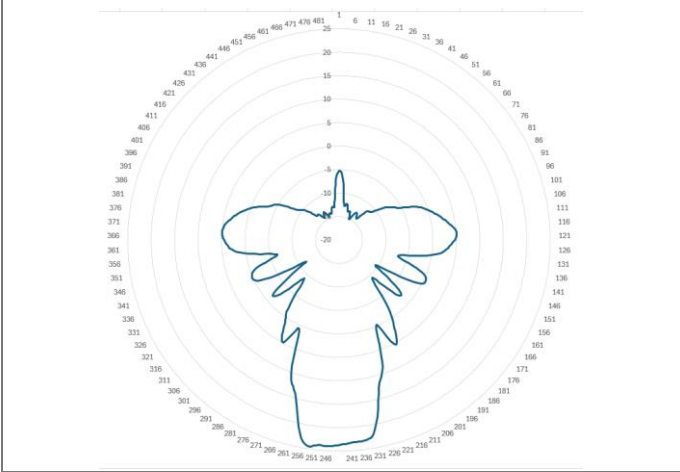
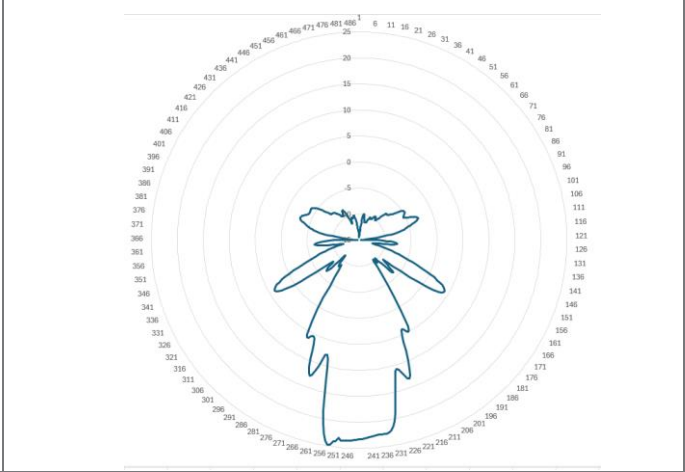
Product Description

RW-9628-5872 is a high performance Dual Polarized antenna, 6 deg. beam-width, supports 5.85 - 7.2 GHz frequency range.

Product Highlights

- Lightweight and rugged design
- Dual Polarized (Vertical and Horizontal) or X-Polarized (+45° and -45°) polarization
- N-TYPE RF connector/s
- Easily installed

Product Specifications:

Electrical	
Frequency range	5.85 - 7.2 GHz
Gain	28 dBi
Detailed Gain	5.85-7.20GHz: 28dBi
VSWR	2.0: 1 (max)
3db Beamwidth Azimuth	6 °
3db Beamwidth Elevation	5 °
Polarization	Dual Polarized (Vertical and Horizontal) or X-Polarized (+45° and -45°)
Side-lobes Level	Left -30dB and Right -28dB
Cross polarization	X-Polarized (+45° and -45°) or vertical & horizontal
F/B Ratio	-32dB (max)
Mechanical	
Dimensions	400 mm (diameter)
Weight	2.5 Kg
Radome	UV-Coated Aluminum Alloy
Antenna up/down tilt range	15/15 °
Environmental	
Temperature range	-40°C to 60°C / (-31°F to 140°F)
Wind speed	Survival 210 km/h; Operation 180 km/h
Input Impedance	50 Ohm
Lightning Protection	DC Ground
Vibration Shock	Random 4M5 based on IEC 60721-3-4
Humidity	0 - 95%
Ingress Protection	UV-Coated Aluminium
Solar Radiation	UV-Coated Aluminium Dish
Salt Spray Corrosion	IEC 60068-2-11:1981 Ka
Flammability	N/A
The Package	
Package Content	Includes Antenna, pole/wall mounting kit, RF cable (LMR195, 60cm with UV protection scale 3)
Antenna Pattern	
H-Pol 5.925GHz	V-Pol 5.925GHz
	

Ordering Info
Part Number: RW-9628-5872
Description: Dish Antenna, Dual Polarized, Gain 28 dBi, Frequency Range 5.85 - 7.2 GHz; .