

RADWIN Flat External Antenna

Dual Polarization-Directional Antenna - Data Sheet

RW-9205-5158



Product Description

RW-9205-5158 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
- Fire protection for railway
- Easy to install

Product Specifications:

Electrical	
Frequency range	4.9 - 6.1 GHz
Gain	19 dBi (@4.9GHz 16dBi)
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 PC
Environmental	
Temperature range	-45 Deg to +70 Deg
Wind speed	Survival 220 Km/h; Operation 160 km/h
Vibration	IEC 60721-3-4, EN-50125-3
Altitude, Pulse pressure, Rain, Pollution	EN-50125-3
Shock Mechanical	IEC 60721-3-4, EN-50125-3
Humidity	ETSI EN300-019-2-4 T4.1E, 100% non-condensing
Water Tightness	IEC 529; IP67
Solar Radiation	ASTM G53
Fire resistance	EN 45545-2
Salt Spray	IEC 68-2-11 Ka
Ice And Snow	EN-50125-3
Grounding	UIC 533
Antenna Pattern	
Elevation @ 5.25GHz	Azimuth @ 5.25GHz

Ordering Info

Part Number: RW-9205-5158

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