

RW-9531-5001

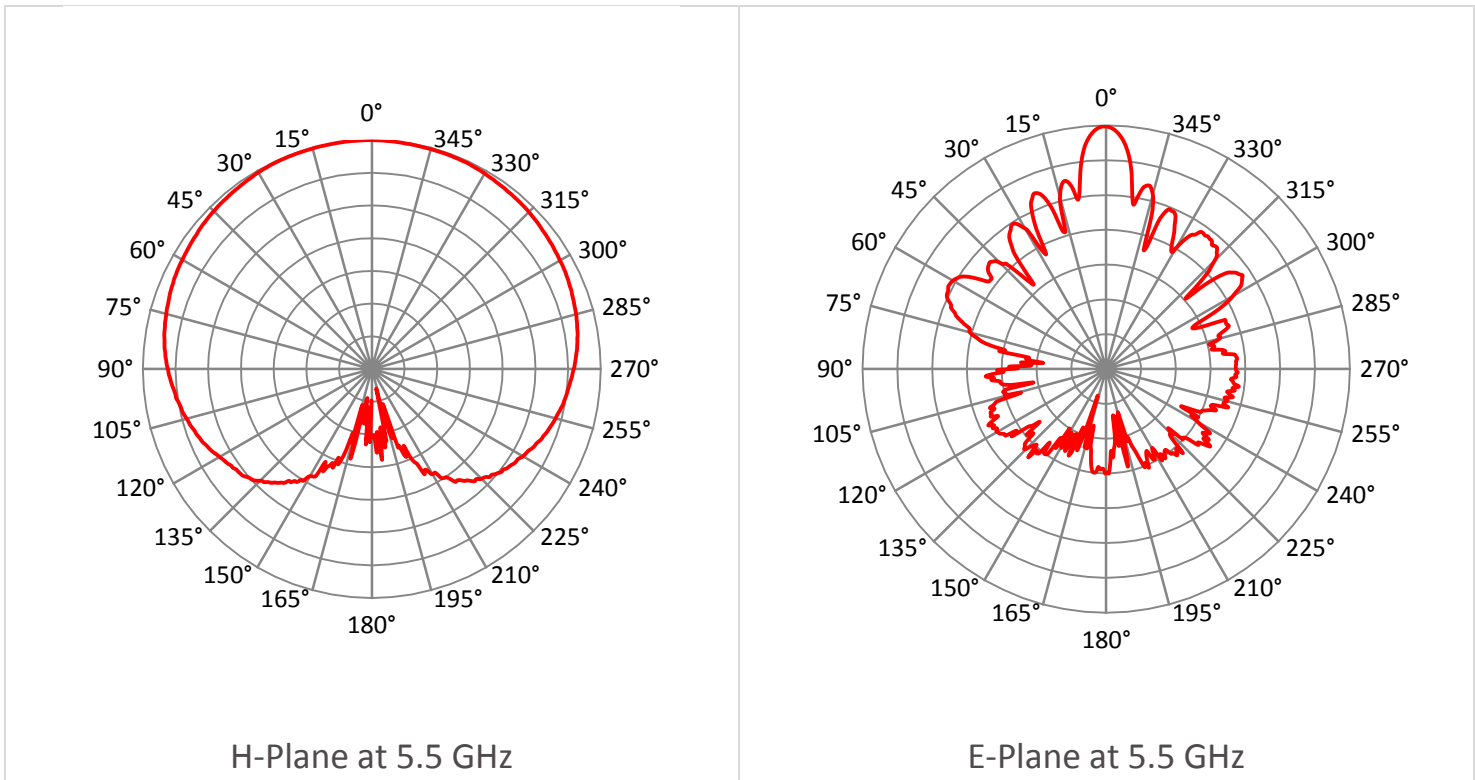
Product Data Sheet



RADWIN ANTENNAS

RW-9531-5001 is an external Base Station antenna part of the RADWIN 5000 Mobility-Series. RW-9531-5001 is a single polarization antenna with 15dBi Gain, supporting 4.90 – 6.1 GHz frequency range and complies with ETSI regulations

Antenna Pattern



RW-9531-5001 - Product Specifications

ELECTRICAL	
Frequency Range	4.90 – 6.1 GHz
Minimum Peak Gain	15 dBi
VSWR	1.8 : 1 (max)
3 dB Beam-width, H-Plane	120° (typ)
3 dB Beam-width, E-Plane	8°(typ)
Polarization	Linear Vertical
Side Lobes Level	ETSI EN 302 085 V1.2.3
Cross Polarization	ETSI EN 302 085 V1.2.3
Input Impedance	50 Ohm
Input Power	50 Watt (max)
Lightning Protection	DC grounded
Frequency Range	4.90 – 6.1 GHz
MECHANICAL	
Dimensions (L x W x H)	573 x 95 x 53mm
Weight	0.7kg
Connector	N-type female
Radome	Plastic ,UV protected
Base Plate	Aluminum; protected through chemical passivation
RF Cable	Coax cable with N-type connectors, 1.2m, supplied
Mounting Kit	Supplied
ENVIRONMENTAL	
Temperature	-40°C to +65°C
Humidity	ETS 300 019-1-4, EN 302 085
Water Tightness	IP65
Flammability	UL94
Salt Spray	IEC 68-2-11
Ice and Snow	Up to 10mm
Wind Speed (Survival)	200 km/h
Wind Load (Survival)	Front Thrust 26.6 kg Side Thrust 1.3 kg
Regulatory Compliance	
	EN 302 085 v1.2.3

Ordering Info

Part Number: RW-9531-5001

Description: Single Pol. Sector antenna, 120 degrees, gain 15dBi, 4.9-6.1GHz

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