

4.9-6.1 GHz Dual Polarized Base Station Antenna, 90° MA-WD56-DP16IF



Specifications:

Electrical	
Frequency range	4.9-6.1 GHz
GAIN, typ.	16 dBi
VSWR, max.	1.7 : 1
Polarization	Dual, Vertical & Horizontal
3 dB Beam-Width, H-Plane, typ.	90°
3 dB Beam-Width, E-Plane, typ.	8°
Side Lobes, min	ETSI EN 302 085 V1.2.3
Cross Polarization, min.	-15 dB
Front to Back Ratio, min.	-30 dB
Port to Port Isolation, typ.	-45 dB
Input power, max	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
Mechanical	
Dimensions (HxWxD)	370 x 370 x 30 mm
Weight	2 Kg.
Connector	2 x SMA Right Angle Female
Back Plane	Aluminum protected through chemical passivation
Radome	UV Protected, Plastic
Mount	Studs Provision for InFinet Radio
Environmental	
Operating Temperature Range	- 55°C to + 65°C
Vibration	According to IEC 60721-3-4
Wind Load	200 km/h (survival)
Flammability	UL94
Water Proofing	IP-67
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
Salt Fog	According to IEC 68-2-11
Ice and Snow	25mm radial (survival)
Service Life	>10 years

Specifications subject to change without notice