

4.9-5.875 GHz Dual Polarized Antenna

MA-WA56-DP25NIF



Specifications:

<i>Electrical</i>	
Frequency range	4.9 - 5.875 GHz
GAIN.	
V-Pol:	24.5 ± 1 dBi
H-Pol:	23.5± 1 dBi
VSWR, max.	1.7 : 1
Polarization	Linear, Vertical & Horizontal
3 dB Beam-Width, H-Plane, typ.	7° - 9°
3 dB Beam-Width, E-Plane, typ.	7°- 9°
Side Lobes, min.	ETSI TS3, TS4, TS5.
Cross Polarization, min.	- 16 dB
Front to Back Ratio, min.	ETSI TS3, TS4, TS5.
Input power, max	5 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
<i>Mechanical</i>	
Dimensions (HxWxD)	370 x 370 x 40 mm
Connector	2 x Right Angle SMA Female
Weight	2.1 Kg
Mounting	Studs Provision for Infinet Radio
Radome	UV Protected, Polycarbonate
Back Plane	Aluminum protected through chemical passivation
<i>Environmental</i>	
Operating Temperature Range	- 40°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
Service Life	>10 years