

3.3 - 3.8 GHz Dual Polarization Subscriber Antenna MA-WA36-DP21IF

Preliminary



Specifications:

Electrical	
Frequency range	3.3 - 3.8 GHz
GAIN : H-Port	22 dBi
V-Port	22 dBi
VSWR, max.	1.7 : 1
Polarization	Linear, Vertical & Horizontal
3 dB Beam-Width, H-Plane, typ.	12°
3 dB Beam-Width, E-Plane, typ.	12°
Side Lobes, min.	ETSI TS3
Cross Polarization, min.	ETSI TS3
Front to Back Ratio, min.	ETSI TS3
Port to Port Isolation,typ.	-35 dB
Input power, max	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
Mechanical	
Dimensions (HxWxD)	370 x 370 x 40mm
Connector	2 x SMA Female Right Angle
Weight	2.1 Kg
Mounting	Studs Provision for Infinet Radio
Radome	UV Protected Polycarbonate
Back Plane	Aluminum protected through chemical passivation.
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
Service Life	>10 years

Specifications subject to change without notice