

### 3.3-3.8 GHz Dual Polarized Base Station Antenna, 90° for Infinet MA-WD36-DP14IF



#### Specifications:

<b>Electrical</b>	
Frequency range	3.3-3.8 GHz
GAIN, typ.	14 dBi
VSWR, max.	1.7 : 1
Polarization	Dual, Vertical & Horizontal
3 dB Beam-Width, Azimuth, typ.	90°
3 dB Beam-Width, Elevation, typ.	12°
Side Lobes, min.	-12 dB
Front to Back Ratio, min.	-30 dB
Cross Polarization, min.	-15 dB
Port to Port Isolation, typ.	-40 dB
Input power, max.	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded
<b>Mechanical</b>	
Dimensions (HxWxD)	370 x 370 x 40 mm
Weight	2 Kg.
Connector	2 x SMA, Female Right Angle
Back Plane	Aluminum protected through chemical passivation
Radome	UV Protected, Plastic
Mount	Studs Provision for Infinet Radio
<b>Environmental</b>	
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