

3.3-3.8 GHz Omni Directional Base Station Antenna

MA-WO36-10N

MARS 3.5 GHz Base Station Antenna provides a cost effective solution for large scale WLL, WLAN, ISM, WiMAX, Point-to-Multi Point Systems and MESH Networks licensed applications. UV protected radome allowing for harsh environment installations. Antenna features stable performance with 9.5 dBi of gain.



Specifications:

Electrical

Frequency range	3.3 - 3.8 GHz
Gain, typ.	9.5 dBi @3.4-3.8, 9 dBi@3.3-3.4
VSWR, max.	2:1
3 dB Beam-Width, H-Plane, typ.	360 °
3 dB Beam-Width, E-Plane, typ.	10 °
Polarization	Linear Vertical
Input power, max	50 Watt
Input Impedance	50 Ohm

Mechanical

Dimensions (HxDiameter)	470 x 66 mm (18.5" x 2.5")
Weight	350 gr.
Connector	N-Type, Female
Radome	UV Protected , Plastic
Mount	2.5" PM (End) Attachment

Environmental

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-65
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
Ice and Snow	25mm radial (survival)
Salt Fog	According to IEC 68-2-11
Service Life	>10 years

Specifications subject to change without notice