

## MA-WO36-10N

### 3.3-3.8 GHz Omni Directional Base Station Antenna

MARS 3.5 GHz Base Station Antenna provides a cost effective solution for large scale LTE, WLL, WLAN, ISM, WiMAX, Point-to-Multi Point Systems and MESH Networks licensed applications.

UV protected radome suitable for harsh environment installations.

Antenna features stable performance with up to 9.5 dBi of gain.



### Specifications

#### Electrical

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

#### Mechanical

Dimensions (HxDia.)	470 x 66 mm (18.5" x 2.5")
Weight	350 gr.
Connector	N-Type, Female
Radome	UV Protected Polycarbonate
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-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)

Patterns are available on our website

MARS Antennas & RF Systems proprietary information

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