MARS ANTENNAS & RF SYSTEMS LTD.

RoHS COMPLIANT 2011/65/EU

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

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