MARS ANTENNAS & RF SYSTEMS LTD.

RoHS COMPLIANT 2011/65/EU

MA-WO55-10NH

4.9-5.875 GHz Omni – Directional Base Station Antenna

MARS 5.8 GHz Base Station Antenna provides a cost effective solution for large scale WLL, WLAN, ISM, MESH Networks and Point-to-Multi Point applications.
UV protected radome suitable for harsh environment installations.
Antenna features stable performance with exceptional 10 dBi of gain.

Specifications

Electrical	
Frequency range	4.9-5.875 GHz
GAIN, typ.	10 dBi
VSWR, max.	4.9-5.15 GHz @ 2 : 1 5.15-5.875 GHz @ 1.8 : 1
Polarization	Linear, Vertical
3 dB Beam-Width, H-Plane, typ.	Omni - Directional
3 dB Beam-Width, E-Plane, typ.	10°
Input power, max.	10 Watt
Input Impedance	50 Ohm
Mechanical	
Dimensions (HxDia.)	315 x 40 mm (12.4" x 1.6")
Weight	210 gr.
Connector	N-Type, Female / N-Type, Male (optional)
Radome	UV Protected Polycarbonate
Mount	2” 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)

Ordering Options

MA-WO55-10NH	Antenna with N-Type, Female Connector
MA-WO55-10NHM	Antenna with N-Type, Male Connector

Patterns are available on our website

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