

MA-WO56-10H

5.1-5.9 GHz Horizontal Omni Directional Antenna

MARS 5.1-5.9GHz Horizontal Omni Directional Antenna provides a cost effective solution for large scale WLL, WLAN, ISM and Point-to-Multi Point applications.

UV protected radome suitable for harsh environment installations.

Antenna features stable performance with exceptional 10 dBi of gain.

Applications:

- MESH Networks.
- Point-to-Point Applications.



Specifications

Electrical

Frequency range	5.1 -5.9 GHz
GAIN, typ.	10 dBi
VSWR, max.	2 : 1
Polarization	Linear, Horizontal
3 dB Beam-Width, H-Plane, typ.	Omni - Directional
3 dB Beam-Width, E-Plane, typ.	11°
Input power, max.	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (HxDia.)	315 x 40 mm (12.4" x 1.6")
Weight	210 gr.
Connector	N-Type, Female
Radome	UV Protected Polycarbonate
Mount	2" Pole Mount

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)

MARS Antennas & RF Systems proprietary information

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