

MA-WO52-DP7

4.4-6.05 GHz Dual Polarization Omni Directional Antenna

MARS 4.4-6.05 GHz Dual Polarization Omni Directional Antenna provides a cost effective solution for an extra-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 7 dBi of gain.

Applications:

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



Specifications

Electrical

Frequency Range	4.4 -6.05 GHz
GAIN, typ.	7 dBi
VSWR.	<2: 1 typ. ; 2.5: 1 max.
Polarization	Dual Pole Vertical & Horizontal
3 dB Beam-Width, Azimuth, typ.	Omni - Directional
3 dB Beam-Width, Elevation, typ.	18°
Input power, max.	10 Watt
Port to Port Isolation, typ.	35 dB
Lightning Protection	DC Grounded
Input Impedance	50 Ohm

Mechanical

Dimensions (HxDia.)	420 x 66 mm
Weight	630 gr.
Connector	2 x N-Type, Female
Radome	UV Protected Plastic
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

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