

MA-WD65-DP16

5.9-7.2 GHz Dual Polarized Base Station Antenna, 90°

Mars 5.9-7.2 Dual Polarized Base Station Antenna suitable for special uses.

Additional Features:

- Efficient and stable performance.
 - High gain/size ratio.
 - Lightweight and durable construction.
- UV protected radome made of polycarbonate suitable for harsh weather environment



Specifications

Electrical

Frequency range	5.9-7.2 GHz
GAIN, typ.	16 dBi
VSWR, max.	2 : 1
Polarization	Dual Vertical & Horizontal
3 dB Beam-Width, H-Plane, typ.	90°
3 dB Beam-Width, E-Plane, typ.	8°
Side Lobes, typ.	-12 dB
Cross Polarization, min.	-15 dB
Front to Back Ratio, min.	-30 dB
Port to Port Isolation, typ.	-30 dB
Input power, max.	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (HxWxD)	370 x 370 x 40 mm (14.5" x 14.5" x 1.6")
Weight	2 kg.
Connector	2 x N-Type female
Back Plane	Aluminum protected through chemical passivation
Radome	UV Protected, Plastic
Mount	MNT-22

Environmental

Operating Temperature Range	-55°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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