MA-WA78- DP26

7.125 – 8.5 GHz Dual Polarization/Dual Slant Subscriber Antenna

Mars 7.125- 8.5 GHz Dual Polarized Antenna designed to provide full coverage for the 7.5 GHz frequency band. Suitable for special uses.
Additional Features:

- Dual slant if mounted diagonally.
- 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	7.125 – 8.5 GHz
Gain, typ.	26 ± 1 dBi
VSWR, max.	1.7: 1 typ, ; 2: 1 max
Polarization Dual Pole Dual Slant (opt.)	Linear, Vertical & Horizontal ±45º (diamond shape)
3dB Beam-Width, H-Plane, typ.	6º
3dB Beam-Width, E-Plane, typ.	6º
Side Lobes, min.	-10 dB
Cross Polarization, typ.	-20 dB
Front to Back Ratio, min.	-35 dB
Port to Port Isolation, min.	-27 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"x1.6")
Connector	2 x N-Type Female Connector
Weight	2Kg
Mounting	See ordering options
Radome	UV Protected Polycarbonate
Back Plane	Aluminum protected through chemical passivation.

Environmental

Operating Temperature Range	-55ºC to +65ºC
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

Ordering Options

MA-WA78-DP26	Antenna suited for MNT-22 Mount
MA-WA78-DP26B	Antenna with MNT-22 Mount

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