

MA-WA62-DP30

5.4-6.5 GHz High Gain, Dual Polarized/Dual Slant Antenna

MARS 6 GHz High Gain Broadband Antenna is designed to provide full coverage for the 6GHz frequency band.

Antenna Features:

- Dual slant if mounted diagonally.
- Efficient and stable performance.
- High gain.
- Durable construction.
- UV protected radome made of polycarbonate.
- Easy mounting allowing Az/EI adjustment and 45deg. turn installation.



Specifications

Electrical

Frequency range	5.4-6.5 GHz
GAIN	5.4-6.5 GHz @ 29 ± 1 dBi
VSWR, max.	1.7 : 1 @ 5.4-6.5 GHz
Polarization	Dual Pole Dual Slant (opt.)
	Dual Polarization V&H
3 dB Beam-Width, H-Plane, typ.	4.5°
3 dB Beam-Width, E-Plane, typ.	4.5°
Side Lobes, typ.	-12 dB
Cross Polarization, typ.	-25dB
Front to Back Ratio, min.	-40 dB
Port to Port Isolation, min.	-25 dB
Input power, max.	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (HxWxD)	600 x 600 x 30 mm (23.5" x 23.5" x 1.2")
Weight	4.7kg
Connector	2 x N-Type, Female
Back Plane	Aluminum protected through chemical passivation
Radome	UV Protected, Polycarbonate
Mount	See ordering options

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

Ordering Options

MA-WA62-DP30	Antenna Suited for MNT-60A (optional wall/pole adjustable mount)
MA-WA62-DP30B	Antenna with MNT-60A mount

Mars Antennas & RF Systems proprietary information

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