

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

MARS reserves the right to make technical changes or modifications to any of its products and specifications without prior notice and without implementing such changes to prior supplied products. Product images are representative and indicative only. Warranty terms and general conditions of sale are applicable on any purchase of any product, available on MARS website.

3 Hamanor st. Holon 5886103, P.O.Box 1852 Holon 5811801, Israel

Tel: +972-3-5599661 • Fax: +972-3-5599677 • e-mail: mars@marsant.co.il • web: www.mars-antennas.com