

MA-WA62-30

4.9-6.5 GHz High Gain Subscriber Antenna

MARS High Gain Broadband Antenna covers the **full** 5GHz and 6GHz spectrum.

Antenna Features:

- Exceptionally high gain over the entire frequency band.
- Efficient and stable performance.
- High gain.
- Durable construction.
- UV protected radome made of polycarbonate.



Specifications

Electrical

Frequency range	4.9-6.5 GHz		
GAIN, typ.	4.9-5.15 GHz 28.5 dBi	5.15-5.875 GHz 29 dBi	5.875-6.5 GHz 30 dBi
VSWR, max.	1.8 : 1 @ 4.9-5.3 GHz 1.7 : 1 @ 5.3-6.5 GHz		
Polarization	Linear ,Vertical		
3 dB Beam-Width, H-Plane, typ.	4.5°		
3 dB Beam-Width, E-Plane, typ.	4.5°		
Side Lobes, min.	-12 dB		
Cross Polarization, typ.	-29 dB		
Front to Back Ratio, min.	-40 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	4.5 kg
Connector	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-WA62-30	Antenna Suited for MNT-60A (optional wall/pole adjustable mount)
MA-WA62-30B	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.

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