

MA-WA36-26

3.3-3.8 GHz High Gain Subscriber Antenna

MARS Broadband 3.5 GHz High Gain Antenna is designed to provide full coverage for the 3.5 GHz frequency band.

Additional Features:

- Efficient and stable performance.
- Exceptionally high gain/size ratio.
- Durable construction.
- UV protected radome made of polycarbonate suitable for harsh weather installations.



Specifications

Electrical

Frequency range	3.3-3.8 GHz
GAIN	26 dBi
VSWR, max.	1.7 : 1
Polarization	Linear Vertical
3 dB Beam-Width, H-Plane, typ.	7.5°
3 dB Beam-Width, E-Plane, typ.	7.5°
Side Lobes, min.	-13 dB
Cross Polarization, min.	-25 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-WA36-26	Antenna Suited for MNT-60A (optional wall/pole adjustable mount)
MA-WA36-26B	Antenna with MNT-60A mount

Patterns are available on our website

MARS Antennas & RF Systems proprietary information

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