

MA-WA24-12

2.4-2.7 GHz Small Size Subscriber Antenna

MARS 2.4 GHz Antenna is a wide band antenna designed for LTE, Wi-Fi, LAN, MMDS, WLL and WiMAX applications.

Additional Features:

- Exceptionally efficient performance.
- High gain/size ratio.
- Aesthetic design.
- Weatherized and durable.



Specifications

Electrical

Frequency range	2.4-2.7 GHz
GAIN, typ.	12 dBi
VSWR, max.	1.7 : 1
Polarization	Linear, Vertical or Horizontal (See Ordering Options)
3 dB Beam-Width, H-Plane, typ.	40°
3 dB Beam-Width, E-Plane, typ.	40°
Side Lobes, min.	-13 dB
Cross Polarization, min.	-15 dB
Front to Back Ratio, min.	-16 dB
Input power, max.	10 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (HxWxD)	155 x 155 x 28 mm (6.1" x 6.1" x 1.1")
Weight	250 gr.
Connector	See Ordering Options
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
Flammability	UL94
Water Proofing	IP-67
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)

Ordering Options

MA-WA24-12	Antenna with SMA Female Connector suited for MNT-4L or MNT-4U
MA-WA24-12BL	Antenna with SMA Female Connector and MNT-4L mount
MA-WA24-12BU	Antenna with SMA Female Connector and MNT-4U mount
MA-WA24-12NTF	Antenna with N-Type, Female Connector Suited for MNT-23 (optional wall/pole adjustable mount)
MA-WA24-12NTFB	Antenna with N-Type, Female Connector and MNT-23 mount
MA-WA24-12NTF & MNT-23H1	Antenna with N-Type, Female Connector and MNT-23H1 for horizontal polarization

Patterns are available on our website

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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