

MA-WC2458-6

2.4-2.5 & 5.15-5.875 GHz Dual Band Antenna 60°

Mars Dual Band Wi-Fi Small Factor High Gain Antenna

- Perfect for Wi-Fi Hot Spots
- Exceptionally efficient performance
- High Gain /Size Ratio
- Aesthetic design
- Weatherized and durable



Specifications

Electrical

Frequency range	2.4-2.5 & 5.15-5.875 GHz
Gain, typ.	7dBi@2.4-2.5 GHz & 8dBi@5.15-5.875 GHz
VSWR, max.	2 : 1
Polarization	Linear Vertical or Horizontal
3dB Beam-Width, H-Plane, typ.	60°@2.4-2.5 GHz; 70°@5.15-5.875 GHz
3dB Beam-Width, E-Plane, typ.	60°@2.4-2.5 GHz ; 50°@5.15-5.875 GHz
Front to Back Ratio, min.	-30 dB
Input power, max.	50 Watt
Input Impedance	50 Ohm

Mechanical

Dimensions (HxWxD)	112 x 112 x 33.5 mm (4.41" x 4.41" x 1.32")
Connector	75 cm Pigtail with Right Angle RPSMA Male
Weight	150 gr.
Mounting	See Ordering Options
Radome	UV Protected Polycarbonate
Back Plane	Aluminum protected through chemical passivation.

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-WC2458-6	Suited for MNT-4LU Mount
MA-WC2458-6B	Antenna with MNT-4LU Mount

MARS Antennas & RF Systems proprietary information

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