MARS ANTENNAS & RF SYSTEMS LTD.

RoHS COMPLIANT 2011/65/EU

MA-WC2458-10

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 Hotspots
- 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, range	10dBi @ 2.4-2.5 GHz ; 11dBi @ 5.15-5.875 GHz
VSWR, max.	2 : 1
Polarization	Linear Vertical or Horizontal
3dB Beam-Width, H-Plane, typ.	60°
3dB Beam-Width, E-Plane, typ.	60°@ 2.4-2.5 GHz ; 40°@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	2 x N-Type ,Female
Weight	147 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-WC2458-10	Suited for MNT-4LU mount
MA-WC2458-10B	With MNT-4LU mount

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