

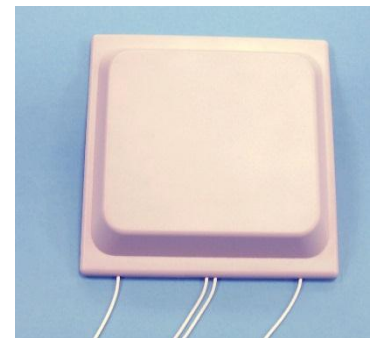
MA-WC2458-QP6

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

MARS Dual Band Sector antenna provides coverage of 2.4 to 2.5 GHz & 5.15 to 5.875 GHz in a single antenna radome.

Additional Features:

- Wide coverage.
- Total 4 outputs.
- Simultaneous coverage of LTE, 802.11 a, b, g, e, n, WiMAX.
- Point-to-Multi Point, ISM and WLL applications.
- Lightweight and durable construction.
- Quick and easy installation.
- UV protected radome made of polycarbonate.



Specifications

Electrical

Frequency range	2.4-2.5 GHz & 5.15-5.875 GHz
Peak Gain, typ.	4 x 6 dBi
VSWR, max.	2 : 1
Polarization	Dual Slant $\pm 45^\circ$ & Vertical & Horizontal
3 dB Beam-Width, H-Plane, typ.	60°
3 dB Beam-Width, E-Plane, typ.	60°
Port to Port Isolation, typ.	-25 dB @ 2.4 GHz; -30dB @ 5.5 GHz
Front to Back, min.	-25dB
Input power, max.	20 Watt
Input Impedance	50 Ohm

Mechanical

Dimensions (W x L x H)	200 x 200 x 33 mm (7.9" x 7.9" x 1.25")
Connector	See Ordering Options
Weight	260 gr.
Back Plane	Aluminum; protected through chemical passivation
Radome	UV Protected Polycarbonate
Mount	See Ordering Options

Environmental

Operating Temperature Range	-40°C to +70°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)
Wind Load	220 km/h

Ordering Options

MA-WC2458-QP6	Antenna 4 x 75cm Pigtail RG 316 with right angle RPSMA Male with provision for Az/EI adjustable for MNT-22 mount
MA-WC2458-QP6B	Antenna 4 x 75cm Pigtail RG 316 with right angle RPSMA Male with MNT-22 mount
MA-WC2458-QP6W	Antenna 4 x 75cm Pigtail RG 316 with right angle RPSMA Male, wall mountable
MA-WC2458-QP6N	Antenna 4 x 75cm Pigtail RG 316 with N-Type Male with provision for Az/EI adjustable for MNT-22 mount
MA-WC2458-QP6NB	Antenna 4 x 75cm Pigtail RG 316 with N-Type Male with MNT-22 mount

MARS Antennas & RF Systems proprietary information

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