

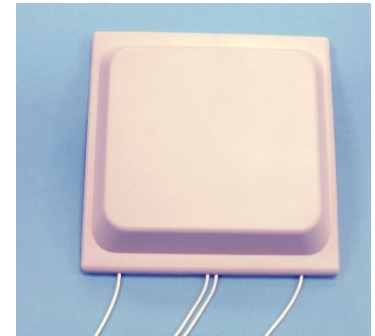
MA-WC2458-MIMO4-8

2.4-2.5 GHz & 5.15-5.875 GHz Dual Band MIMO Applications 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; 802.11ax, 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	Double dual Slant $\pm 45^\circ$
3 dB Beam-Width, H-Plane, typ.	60°
3 dB Beam-Width, E-Plane, typ.	60°
Port to Port Isolation, typ.	-25dB
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-MIMO4-8	Antenna 4 x75cm Pigtail RG 316 with right angle RPSMA Male with provision for Az/EI adjustable for MNT-22 mount
MA-WC2458-MIMO4-8B	Antenna 4 x75cm Pigtail RG 316 with right angle RPSMA Male with MNT-22 mount
MA-WC2458-MIMO4-8W	Antenna 4 x75cm Pigtail RG 316 with right angle RPSMA Male, wall mountable
MA-WC2458-MIMO4-8N	Antenna 4 x 75cm Pigtail RG 316 with N-Type Male with provision for Az/EI adjustable for MNT-22 mount
MA-WC2458-MIMO4-8NB	Antenna 4 x 75cm Pigtail RG 316 with N-Type Male with MNT-22 mount

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.

3 Hamanor st. Holon 5886103, P.O.Box 1852 Holon 5811801, Israel

Tel: +972-3-5599661 • Fax: +972-3-5599677 • e-mail: mars@marsant.co.il • web: www.mars-antennas.com