

MA-DBO-3H

2.3-2.7 GHz & 4.9-6.1 GHz Dual Band 3X3 MIMO Omni Antenna

MARS Dual Band Omni antenna provides coverage of 2.3 to 2.7 GHz & 4.9 to 6.1 GHz in a single antenna radome.

Additional Features:

- Simultaneous coverage of LTE, 802.11 a, b, e, g, n, WiMAX & 4.9 GHz Public Safety Bands.
- Light weight and durable construction.
- UV protected radome made of polycarbonate.



Specifications

Electrical

Frequency range	2.3-2.7 GHz & 4.9-6.1 GHz
GAIN, typ.	2.3-2.7 GHz @ 3 x 2.5 dBi (without cable) 4.9-6.1 @ 3 x 3.5 dBi (without cable)
VSWR, max.	2 : 1 (typ. 1.5:1)
Polarization	Linear Vertical
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	400 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
Water Proofing	IP-67
Flammability	UL94
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)

Ordering Options

MA-DBO-3H	Antenna 3 x Coaxial Cable RG 316 with RPSMA Male Right Angle suited for optional ceiling mount MNT-4CL
MA-DBO-3HB	Antenna 3 x Coaxial Cable RG 316 with RPSMA Male Right Angle with MNT-4CL mount
MA-DBO-3H2	Antenna 3x Coaxial Cable RG 316 with N-Type male suited for optional ceiling mount MNT-4CL
MA-DBO-3H2B	Antenna 3x Coaxial Cable RG 316 with N-Type male with MNT-4CL mount

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.

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