

## 2.3-2.7 GHz & 4.9-6.1 GHz Dual Band MIMO Applications Omni Antenna

### MA-DBO-3H

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 802.11 a,b,e,g,n,WiMAX & 4.9 GHz Public Safety Bands
- light weight and durable construction
- UV protected radome made of plastic



#### Specifications:

#### Electrical

Frequency range	2.3 - 2.7 GHz	4.9 - 6.1 GHz
Gain,typ.	2.5 dBi x 3 (without cable)	3.5 dBi x3 (without cable)
VSWR, max.	2:1 (typ. 1.5:1)	2:1 (typ. 1.5:1)
Polarization	Linear Vertical	
Input power, max	20 Watt	
Input Impedance	50 Ohm	

#### Mechanical

Dimensions	200 x 200 x 33 mm (7.9" x7.9" x 1.25")
Weight	260 gr.
Connector	3 x Coaxial Cable RG 316 with RPSMA
Back Plane	Aluminum; protected through chemical passivation
Radome	UV Protected Plastic
Mount	Ceiling Mounting/ MNT-4CL

#### Environmental

Operating Temperature Range	- 40°C to + 70°C
Vibration	According to IEC 60721-3-4
Flammability	UL94
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
Service Life	>10 years

#### Ordering Options

Antenna 3 x Coaxial Cable RG 316 with RPSMA Male Right Angle suited for ceiling mount MNT-4CL	MA-DBO-3H
Antenna 3x Coaxial Cable RG 316 with N-Type male suited for ceiling mount MNT-4CL	MA-DBO-3H 2
Antenna 3 x Coaxial Cable RG 316 with RPSMA Male Right Angle with mount	MA-DBO-3H B
Antenna 3x Coaxial Cable RG 316 with N-Type male with mount	MA-DBO-3H 2B

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 and are available in the "Policies" section.