

## MA-WO2455-DPDB8

### 2.4-2.5 & 5.15-5.875 GHz Dual Polarized Dual Band Omni Directional Antenna

This 2.4-2.5 and 5.15-5.875 GHz Dual Polarized Dual Band Antenna provides stable and efficient performance with 5-8 dBi of gain.

It is a cost effective solution for large-scale applications and systems such as 802.11, Point To Multi Point, WLAN access points, mesh Networks, ISM, WiMAX and more.

The Elevation Patterns are without any deviation from the horizon in full band.



### Specifications

#### Electrical

Frequency Range	2.4 -2.5 GHz	5.15-5.875 GHz
GAIN, typ.	5 dBi	8 dBi
VSWR,	1.7:1 typ. ; 2 : 1 max.	
Polarization	Dual Pol. Vertical & Horizontal	
3 dB Beam-Width, Azimuth, typ.	Omni – Directional	
3 dB Beam-Width, Elevation, typ.	35°	25°
Port to Port Isolation, typ.	-35 dB	
Input power, max.	10 Watt	
Input Impedance	50 Ohm	

#### Mechanical

Dimensions (HxDia.)	400 x 60 mm
Weight	600 gr.
Connector	2 x N-Type, Female
Radome	UV Protected Plastic
Mount	2" Pole Mount

#### 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

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