

MA-WO8622-DB2

790-960 MHz & 1695-2700 MHz Dual Band OMNI Antenna

MARS Dual Band OMNI antenna provides coverage 790-960 MHz & 1695-2700 MHz in a single antenna radome.

Additional Features:

- Simultaneous coverage of LTE & 802.11 a, b, e, g, n,
- Light weight and durable construction.
- UV protected radome.
- Indoor and Outdoor use
- Low PIM



Specifications

Electrical

Frequency range	790-960 MHz & 1695-2700 MHz
GAIN, typ.	2 dBi @ 790-960 MHz 2.5-5.8 dBi @ 1695-2700 MHz
VSWR	< 2 : 1 @ 810-945MHz & 1695-2700 MHz ; <2.5:1 @ 790-960 MHz
Polarization	Linear Vertical
Horizontal Beam width	360° Omnidirectional
Vertical Beam width	70° @790-960 MHz ; 70°-30° @ 1695-2700 MHz
Passive Intermodulation(2x20W)	<-150 dBc
Input power, max.	20 Watt
Input Impedance	50 Ohm

Mechanical

Dimensions (HxD)	192 x 30 mm (7.5" x 1.2")
Connector	N-Type Female
Weight	95 gr.
Radom	UV Protected Plastic
Mount	One hole mounting (16 mm diameter) to surfaces of max. 6mm thickness

Environmental

Operating Temperature Range	-40°C to +70°C
Vibration	According to IEC 60721-3-4
Water Proofing	IP-67
Flammability	UL94
Wind Load	6N/at 150 Km/h
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)

MARS Antennas & RF Systems proprietary information

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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