

MA-WA820-DP8

698 – 960 MHz Dual-Pol Directional Antenna

MARS Dual Polarized Directional Antenna covers LTE bands 5, 6, 8, 12-14, 17-20, 26-29 & 44, GSM 900 and more.

The antenna is aesthetic and has an obtrusive profile that blends easily with any environment.

The antenna is easy-installed and is highly recommended as an outstanding logistic solution for Outdoor installations as well as In-Building Installations.



Available in iBwave database

Specifications

Electrical

Frequency range	698 – 960 MHz
Gain, typ.	7.5 ± 0.5 dBi
VSWR	max. 2.0: 1 typ. 1.8 :1
Polarization, Dual Pol	Vertical & Horizontal
3dB Beam-Width, Azimuth, typ.	65°
3dB Beam-Width, Elevation, typ.	65°
Cross Polarization, typ.	-25 dB
Port to Port Isolation, min.	-25 dB
Front to Back Ratio, min	-15 dB
Input power, max.	50 Watt
Lightening Protection	DC Grounded
Impedance	50 Ohm

Mechanical

Dimensions (HxWxD)	310 x 310 x 126 mm (12.2" x 12.2" x 4.96")
Connector	2 x N-type Female
Weight	~1.3 kg
Mounting	See Ordering Options
Radome	UV Protected Plastic
Back Plane	Aluminum protected through chemical passivation.

Environmental

Operating Temperature Range	-55°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

Ordering Options

MA-WA820-DP8	Antenna 2 x N-Type Female connectors Suited for MNT-22 mount
MA-WA820-DP8B	Antenna 2 x N-Type Female connectors 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