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.		65º
3dB Beam-Width, Elevation, typ.		65º
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		-55ºC to +65ºC
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

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