

## MA-WA6927-DS7

### 698 – 2700 MHz Dual Slant Directional Antenna

MARS Dual Slant Antenna covers all the bands for LTE, 3G, 2.5G and 2G cellular, as well as ISM, WLAN, Bluetooth, GSM 900 and GSM 1900.

The antenna is aesthetic small 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	1700 – 2700 MHz
Gain	4 ± 1 dBi	7 ± 1 dBi
VSWR, max.	2.0 : 1	1.8 : 1
Polarization	Dual Slant	±45°
Port to Port Isolation, min.	-25 dB	
3dB Beam-Width, Azimuth, typ.	70°	40°
3dB Beam-Width, Elevation, typ.	70°	40°
Front to Back Ratio, min	-15 dB	
Input power, max.	10 Watt	
Impedance	50 Ohm	
Lightning Protection	DC Grounded	

#### Mechanical

Dimensions (HxWxD)	310 x 310 x 67 mm (12.2" x12.2" x 2.64" )
Connector	2 x Pigtailed 2.7 m, SMA 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-WA6927-DS7	Antenna Suited for MNT-22 mount
MA-WA6927-DS7B	Antenna with MNT-22 mount

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