

MA-WD670-5

380-960 MHz Base Station Antenna 90°

The MARS Broadband Base Station Antenna covers TETRA, 600MHz, LTE 700 & LTE 800 MHz to support public safety and first responders.

The antenna can be easily used either for Indoor or Outdoor Applications and features different mounting options.

Additional Features:

- Excellent and stable performance.
- UV protected antenna radome.
- Suitable for both Indoor and Outdoor installations.
- DC grounded.



Specifications

Electrical

Frequency range	380-960 MHz
Gain typ.	6.5 ± 0.5 dBi
VSWR	2.0 : 1 typ (2.7 : 1 max)
Polarization	Linear, Vertical or Horizontal
3dB Beam-Width, H-Plane, typ.	66°-110° (across the frequency band)
3dB Beam-Width, E-Plane, typ.	30°-60° (across the frequency band)
Front to Back Ratio, typ.	-15 dB
Input power, max.	50 Watt
Input Impedance	50 Ohm
Lightning Protection	DC Grounded

Mechanical

Dimensions (HxWxD)	500 x 345 x 140 mm (19.7" x 13.6" x 5.5")
Connector	N-Type, Female
Weight	1.5 Kg
Mounting	See Ordering Options
Radome	UV Protected Plastic
Back Plane	Aluminum protected through chemical passivation.

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	IP65
Humidity	ETS 300 019-1-4, EN 302 085 (Annex A.1.1)
Salt Fog	According to IEC 68-2-11

Ordering Options

MA-WA670-5	Antenna Suited for MNT-22
MA-WA670-5B	Antenna 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