

## MA-WA640-6

### 490-860 MHz Subscriber Antenna

MARS Broadband Panel Antenna covers LTE 700 & 800 MHz to support public safety and first responder.

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	490-860 MHz
Gain typ.	6 dBi
VSWR	2 : 1 typ (2.5 : 1 max)
Polarization	Linear, Vertical or Horizontal
3dB Beam-Width, H-Plane, typ.	90°
3dB Beam-Width, E-Plane, typ.	45°
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-WA640-6	Antenna Suited for MNT-22
MA-WA640-6B	Antenna with MNT-22 mount

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