

## MA-CLTE-14

### Multi Band Panel Antenna

Up-To-Date Multi Band Panel Antenna covers all the bands for LTE 700 MHz, cellular bands, as well as ISM, WLAN, GSM1800, UMTS and Bluetooth.

The antenna is aesthetic, small and has unobtrusive profile that blends easily with any environment.

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



### Specifications

#### Electrical

Standard	LTE 700	SMR,AMPC, CDMA,TDMA GSM 900	GSM 1800, UMTS	Bluetooth, ISM, WLAN
Frequency range	698-806 MHz	806-960 MHz	1710-2170 MHz	2.2-2.7 GHz
GAIN, typ.	5 ± 1dBi	6 ± 1dBi	6.5 ± 1dBi	5 ± 1 dBi
VSWR, max.	2 : 1	2 : 1	1.7 : 1	1.7 : 1
3 dB Beam-Width, H-Plane, typ.	130°	140°	80°	55°
3 dB Beam-Width, E-Plane, typ.	70°	60°	45°	30°
Polarization	Linear, Vertical			
Input power, max.	10 Watt			
Input Impedance	50 Ohm			

#### Mechanical

Dimensions (HxWxD)	231 x 215 x 37.5 mm (9.1" x 8.5" x 1.5")
Weight	500 gr.
Connector	N-Type, Female at bottom (can be installed also upside down)
Back Plane	UV Protected Plastic (metal reinforced from the inside)
Radome	UV Protected Polycarbonate
Mount	See Ordering Options

#### 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	IP-65
Humidity	ETS 300 019-1-4, EN 302 085 (annex A.1.1)
Salt Fog	According to IEC 68-2-11
Ice and Snow	25mm radial (survival)

### Ordering Options

Application	Wall Mountable	Az/EI Adjustable MNT-22 Mount
Indoor / Outdoor	MA-CLTE-14	MA-CLTE-14B
Indoor / Outdoor + DC Return	MA-CLTE-14T	MA-CLTE-14TB

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