

LTE700WB

6 dB LTE High Gain Glassfiber Antenna 1.54 m

This wide-band high-gain antenna is developed for use in both maritime and land environments. The high gain design overcomes poor phone and data coverage in the mobile operator networks (LTE, UMTS & GSM), e.g. along cost lines and in rural areas.

- Broadband antenna for LTE700, GSM750/810/850, UMTS800/850, IoT868
- High performance - peak gain **9 dB** (Marine) 7.1 dBi

ELECTRICAL SPECIFICATIONS

| | |
|-----------------------|--|
| Frequency | 725 - 930 MHz (LTE700, GSM750/810/850, UMTS800/850) |
| Bandwidth | 205 MHz |
| Impedance | 50 ohm |
| Vswr | < 2.0:1 |
| Polarisation | Vertical |
| Gain | 6 dB (Marine), 3 dBd, 5.1 dBi |
| Max. Input Power | 200 W |
| Antistatic Protection | Direct Ground (DC-short) |



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MECHANICAL SPECIFICATIONS

| | |
|-----------------------|--|
| Color | White and chrome |
| Length | 1540 mm |
| Weight | 710 g |
| Mounting | On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets |
| Mounting Place | On mast or deck |
| Materials | PU-painted glassfiber, copper, PTFE, PE and chromed brass |
| Survival Wind Speed | 55 m/s (125 mph) |
| Operating Temperature | -55C to +70C (IEC 60068-2-1, IEC 60068-2-2) |
| Connector | N-female |
| Cable | No cable supplied |
| Ingress Protection | IP66 |
| Vibration | IEC 60068-2-6, IEC 60068-2-64 |
| Serial no. | On product label |

ORDERING INFORMATION

| | |
|-----|---|
| P/N | 14076-000 (Antenna only - bulk packing) |
| P/N | 14076-001 (Antenna only - in Polybag) |
| P/N | 14076-002 (Antenna only - in Carton tube) |
| P/N | 14076-431 (Antenna + 1" Revolving Nut Kit - in Polybag) |
| P/N | 14076-432 (Antenna + 1" Revolving Nut Kit - in Carton tube) |

PACKAGING INFORMATION

| | |
|--------|---|
| Type | Bulk packing or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION") |
| weight | 0.6-0.8 kg |
| size | Length 1.55 m |

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