

LTE800WB

6 dB LTE High Gain Glassfiber Antenna 1.44 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 LTE800, GSM850/900, UMTS900, IoT868
- High performance - peak gain **6 dB** (Marine) 5.1 dBi

ELECTRICAL SPECIFICATIONS

Frequency	790 - 960 MHz (LTE800, GSM850/900, UMTS900)
Bandwidth	170 MHz
Antenna Type	End-fed full $1/2 \lambda$ dipole - no groundplane needed
Impedance	50 ohm
Vswr	< 2.0:1
Polarisation	Vertical
Gain	6 dB (Marine), 3 dBd, 5.1 dBi
Radiation Pattern	Omni-directional
Max. Input Power	200 W
Antistatic Protection	Direct Ground (DC-short)



Datasheet

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MECHANICAL SPECIFICATIONS

Color	White and chrome
Length	1440 mm
Weight	550 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

14086-000	Antenna only - bulk packing
14086-001	Antenna only - in Polybag
14086-002	Antenna only - in Carton tube
14086-431	Antenna + 1" Revolving Nut Kit - in Polybag
14086-432	Antenna + 1" Revolving Nut Kit - in Carton tube

PACKAGING INFORMATION

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



