

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 9 dB (Marine) 7.1 dBi

Electrical Specifications:

Frequency	790 - 960 MHz (LTE800, GSM850/900, UMTS900)
Bandwidth	170 MHz
Antenna Type	End-fed full 1/2 λ 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)

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:

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

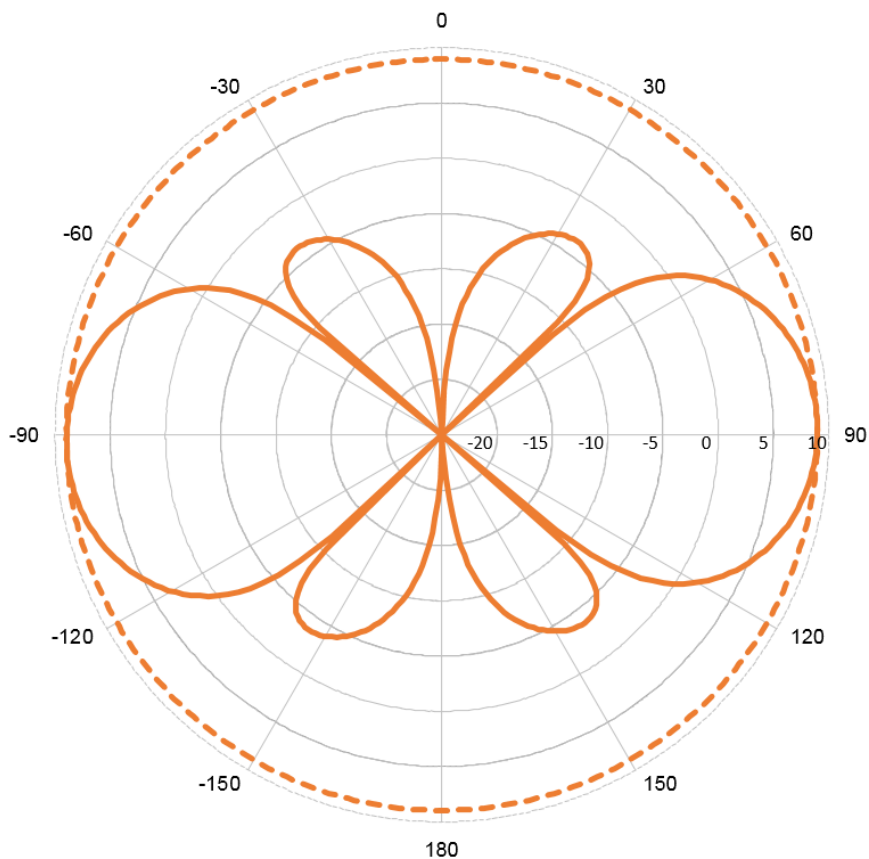
Packaging Information:

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

Outline Drawing



Radiation Pattern



Typical VSWR

