

UHF96A/B/C

6 dB UHF Fibreglass Antenna 1.14-1.34 m (806-960 MHz in 3 versions)

- 3 standard band versions
- Specified antenna for GSM850, GSM900, Trunking, ISM a.o.
- End-fed 1/2 λ coaxial dipole antenna design
- Full omni-directional radiation pattern
- No groundplane needed



Electrical Specifications:

Frequency	806 - 866 MHz, 824 - 894 MHz, 890 - 960 MHz
Bandwidth	60-70 MHz (depending on version)
Impedance	50 ohm
VSWR	< 1.5
Polarisation	Vertical
Gain	6 dB (Marine), 3 dBd, 5.1 dBi
Max. Input Power	200 W
Antistatic Protection	Direct Ground

Mechanical Specifications:

Color	White and chrome
Height	Max. 1340 mm ("A" version)
Weight	Max. 450 g ("A" version)
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 glassfibre, 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
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Ordering information:

P/N	14096-000A: 806-866 MHz (Antenna only - bulk packing)
P/N	14096-001A: 806-866 MHz (Antenna only - in Polybag)
P/N	14096-002A: 806-866 MHz (Antenna only - in Carton tube)
P/N	14096-000B: 824-894 MHz (Antenna only - bulk packing)
P/N	14096-001B: 824-894 MHz (Antenna only - in Polybag)
P/N	14096-002B: 824-894 MHz (Antenna only - in Carton tube)
P/N	14096-000C: 890-960 MHz (Antenna only - bulk packing)
P/N	14096-001C: 890-960 MHz (Antenna only - in Polybag)
P/N	14096-002C: 890-960 MHz (Antenna only - in Carton tube)
P/N	If 1" Revolving Nut Kit is needed together with antenna: Change above listed P/N to xxxxx-431 for kit in Polybag
P/N	If 1" Revolving Nut Kit is needed together with antenna: Change above listed P/N to xxxxx-432 for kit in Carton tube

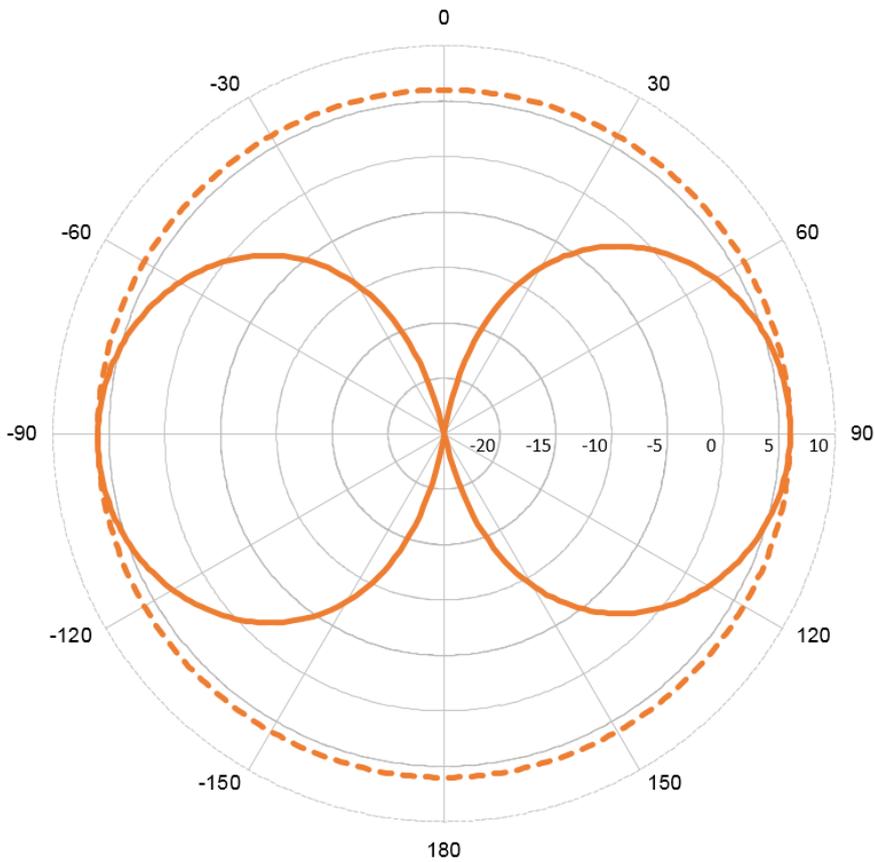
Packaging Information:

Type	Bulk packing or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION")
Size	Max. 1.5 m
Weight	0.5-0.7 kg

Outline Drawing



Radiation Pattern



Typical VSWR

