

## UHF99A/B

### 9 dB UHF Fibreglass Antenna 1.34 m (824-960 MHz in 2 versions)

- Specified antenna for GSM850/900, ISM a.o.
- 2 standard band versions
- End-fed 1/2  $\lambda$  coaxial dipole antenna design
- Full omni-directional radiation pattern
- No groundplane needed

#### Electrical Specifications:

Frequency	824 - 894 MHz, 890 - 960 MHz
Bandwidth	70 MHz
Impedance	50 ohm
VSWR	< 1.5
Polarisation	Vertical
Gain	9 dB (Marine), 5 dBd, 7.1 dBi
Max. Input Power	200 W
Antistatic Protection	Direct Ground

#### Mechanical Specifications:

Color	White and chrome
Height	1340 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 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	14099-000A: 824-894 MHz (Antenna - bulk packing)
P/N	14099-001A: 824-894 MHz (Antenna - in Polybag)
P/N	14099-002A: 824-894 MHz (Antenna - in Carton tube)
P/N	14099-431A: 824-894 MHz (Antenna + 1" Revolving Nut Kit - in Polybag)
P/N	14099-432A: 824-894 MHz (Antenna + 1" Revolving Nut Kit - in Carton tube)
P/N	14099-000B: 890-960 MHz (Antenna - bulk packing)
P/N	14099-001B: 890-960 MHz (Antenna - in Polybag)
P/N	14099-002B: 890-960 MHz (Antenna - in Carton tube)
P/N	14099-431B: 890-960 MHz (Antenna + 1" Revolving Nut Kit - in Polybag)
P/N	14099-432B: 890-960 MHz (Antenna + 1" Revolving Nut Kit - in Carton tube)

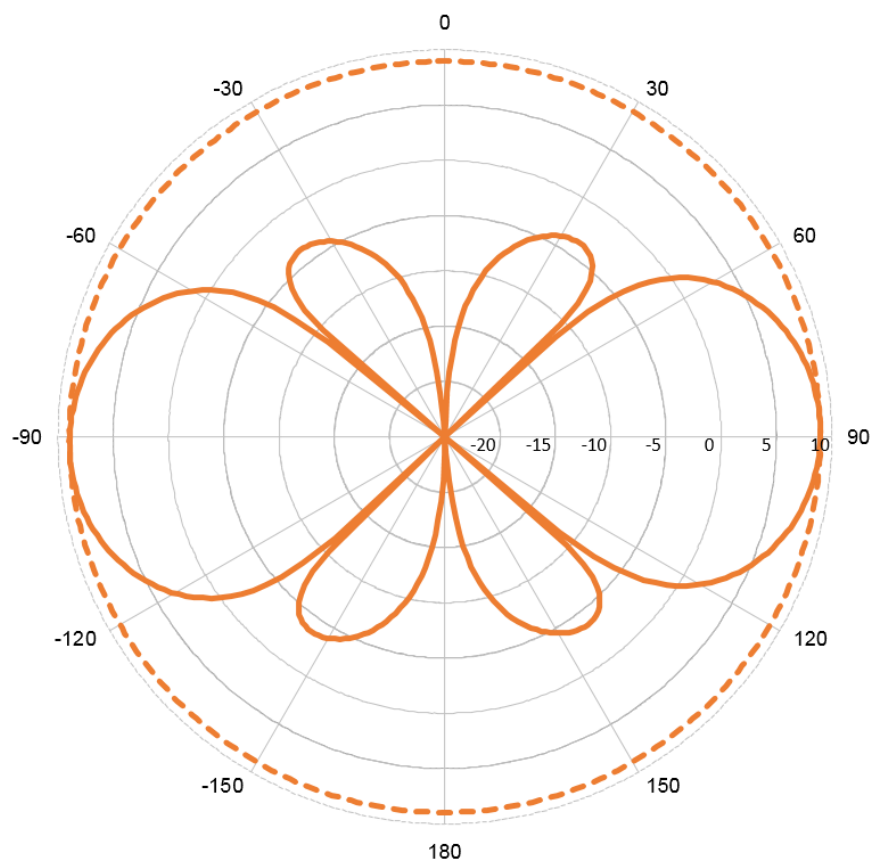
Packaging Information:

Type	Bulk packing or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION")
Size	Approx 1.5 m
Weight	0,6-0,8 kg

Outline Drawing



Radiation Pattern



Typical VSWR

