

# UHF46X

6 dB UHF Fibreglass Antenna 1.44-1.54 m (Customer specified frequency)

- Customer specified frequency
- End-fed full  $1/2 \lambda$  coaxial dipole antenna design
- Full omni-directional radiation pattern
- No groundplane needed

## ELECTRICAL SPECIFICATIONS

Frequency	398 - 512 MHz (Specified by customer)
Bandwidth	4% of the specified Centre Frequency (CF)
Impedance	50 ohm
Vswr	< 1.5
Polarisation	Vertical
Gain	6 dB (Marine), 3 dBd, 5.1 dBi
Max. Input Power	250 W
Antistatic Protection	Direct Ground



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## MECHANICAL SPECIFICATIONS

Color	White and chrome
Height	1440-1540 mm (depending on frequency)
Weight	Max. 500 g (depending on frequency)
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 chrome plated solid 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

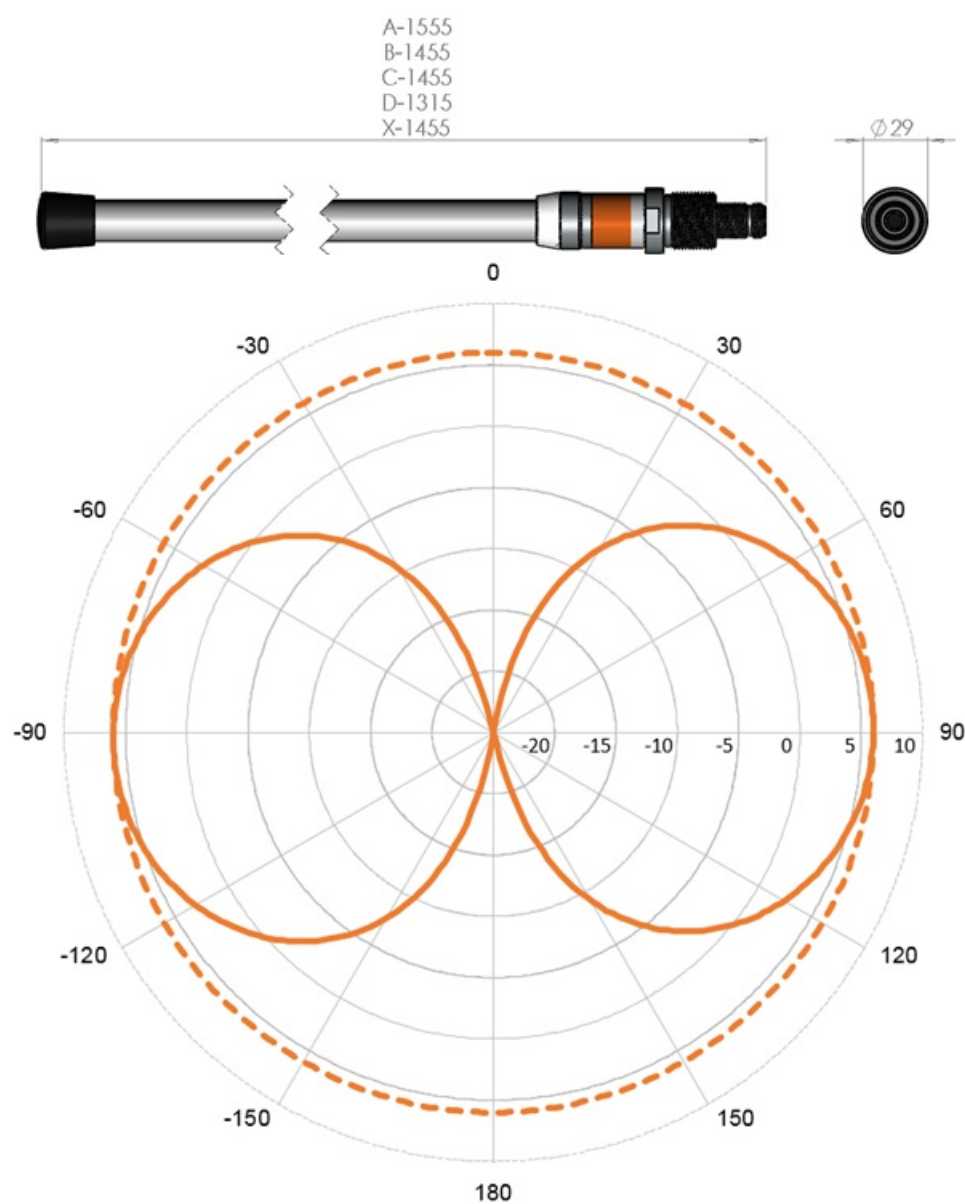
P/N	14046-000X (Antenna only- bulk packing)
P/N	14046-001X (Antenna only - in Polybag)
P/N	14046-002X (Antenna only - in Carton tube)
P/N	14046-431X (Antenna + 1" Revolving Nut Kit - in Polybag)
P/N	14046-432X (Antenna + 1" Revolving Nut Kit - in Carton tube)

## PACKAGING INFORMATION

Type	Bulk packing or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION")
size	Max. 1.6 m (depending on frequency)
weight	0.6-0.7 kg

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