

AIS73

3 dB AIS Fibreglass Antenna 1.26 m

- High quality AIS antenna for professional use
- Similar design available for the maritime VHF and AM/FM bands
- Full $1/2 \lambda$ dipole antenna design
- Full omni-directional radiation pattern
- No groundplane needed

Electrical Specifications:

Frequency	161.5 - 162.5 MHz (International AIS-band)
Bandwidth	1 MHz
Impedance	50 ohm
VSWR	< 1.5
Polarisation	Vertical
Gain	3 dB (Marine), 0 dBd, 2.1 dBi
Max. Input Power	100 W

Mechanical Specifications:

Color	White and chrome
Height	Approx. 1260 mm
Weight	375 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 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	UHF-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	12073-000 (Antenna only - bulk packing)
P/N	12073-001 (Antenna only - in Polybag)
P/N	12073-002 (Antenna only - in Carton tube)
P/N	12073-221 (Antenna + Mast Mount - in Polybag)
P/N	12073-431 (Antenna + 1" Revolving Nut Kit - in Polybag)
P/N	12073-432 (Antenna + 1" Revolving Nut Kit - in Carton tube)

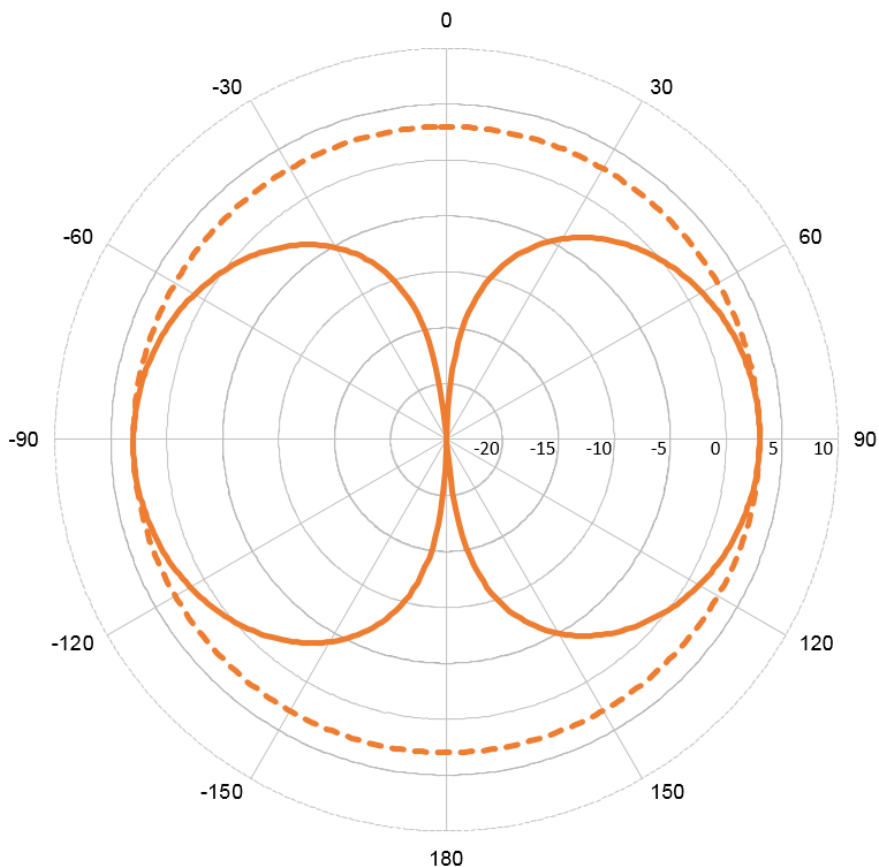
Packaging Information:

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

Outline Drawing



Radiation Pattern



Typical VSWR

