

# AIS74

## 4 dB AIS Glass Fibre Antenna 1.36 m

Long range high gain International Maritime AIS Antenna for professional use

- Economical replacement for all professional marine AIS antennas
- Improved gain compared to other high quality marine AIS antennas
- Reduced antenna weight compared to similar marine AIS antennas

### ELECTRICAL SPECIFICATIONS

Frequency	161.5 - 162.5 MHz (International AIS-band)
Bandwidth	1 MHz
Antenna Type	End-fed full $1/2 \lambda$ dipole - no groundplane needed
Impedance	50 Ohm
Gain	4 dB (Marine), 0.5 dBd, 2.6 dBi
Vswr	< 1.3:1
Polarisation	Vertical
Radiation Pattern	Omni-directional
Max. Input Power	150 W
Antistatic Protection	Direct Ground (DC-short)



## Datasheet

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## MECHANICAL SPECIFICATIONS

Color	White and chrome
Length	1360 mm
Weight	220 g
Mounting	On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets
Mounting Place	On rail, mast or deck
Materials	PU-painted glass fibre, copper, PCB, 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	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

12074-000	Antenna only - bulk packing
12074-001	Antenna only - in Polybag
12074-002	Antenna only - in Carton tube
12074-431	Antenna + 1" Revolving Nut Kit - in Polybag
12074-432	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



