

# AIS54

4 dB AIS Glass Fibre Antenna 1.37 m with fixed 10 or 20 m cable  
Long range high gain International Maritime AIS Antenna for the leisure market

- AIS antenna especially made for leisure boats
- 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
- Matching designs available for other frequency bands
- For mounting on all US style brackets with 1"-14NF threaded stud

## 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
Vswr	<1.3:1
Polarisation	Vertical
Gain	4 dB (Marine), 0.5 dBd, 2.6 dBi
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	1375 mm
Weight	700 g (with 10 m cable), 1060 g (with 20 m cable)
Mounting	On brackets with 1"-14NF threaded stud (US style)
Mounting Place	On deck or mast
Materials	PU-painted glass fibre, copper, PCB, PE and chrome plated solid brass
Operating Temperature	-55C to +70C (IEC 60068-2-1, IEC 60068-2-2)
Connector	No connector supplied
Cable	10 or 20 m white RG58 cable
Serial no.	On product label

## ORDERING INFORMATION

12054-610	Antenna with 10 m cable - bulk packing
12054-611	Antenna with 10 m cable - in Polybag
12054-612	Antenna with 10 m cable - in Carton tube
12054-620	Antenna with 20 m cable - bulk packing
12054-621	Antenna with 20 m cable - in Polybag
12054-622	Antenna with 20 m cable - in Carton tube

## PACKAGING INFORMATION

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



