Datasheet

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 λ 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) |



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Datasheet

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

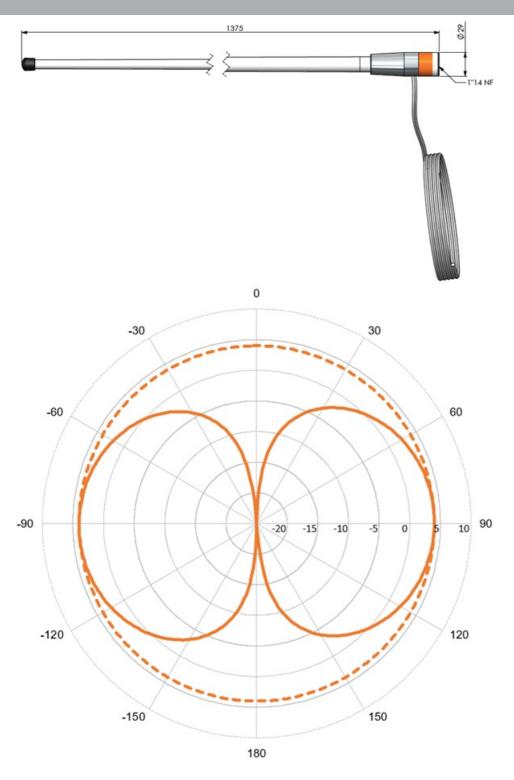
| 12054-610 | Antenna with 10 m cable - bulk packing |
|-----------|--|
| 12054-611 | Antenna with 10 m cable - in Polybag |
| 12054-612 | Antenna with 10 m cable - in Carton tube |
| 12054-620 | Antenna with 20 m cable - bulk packing |
| 12054-621 | Antenna with 20 m cable - in Polybag |
| 12054-622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

PACKAGING INFORMATION

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

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