

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 λ 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) |



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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 |

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