# 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) |



Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

## 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 |

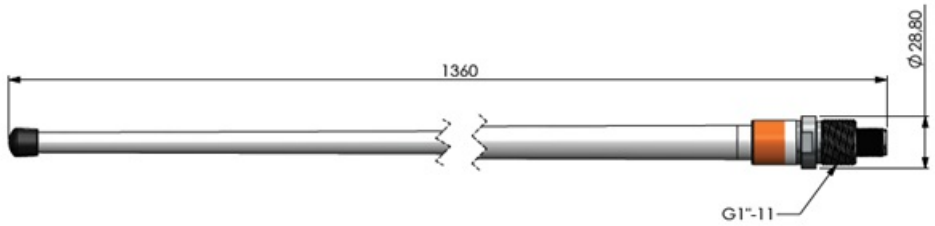
## ORDERING INFORMATION

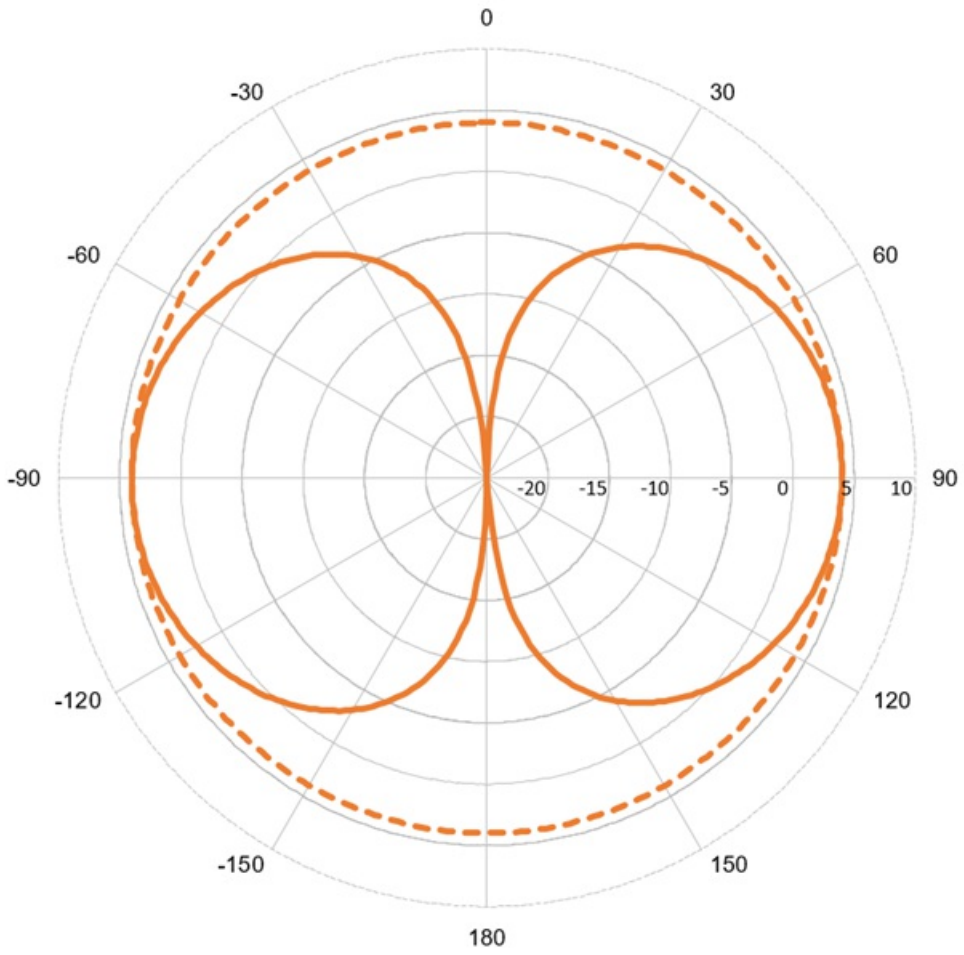
| | |
|---|---|
| 12074-001 | Antenna only - in Polybag |
| 12074-002 | Antenna only - in Carton tube |
| 12074-431 | Antenna + 1" Revolving Nut Kit - in Polybag |
| 12074-432 | Antenna + 1" Revolving Nut Kit - in Carton tube |

## PACKAGING INFORMATION

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

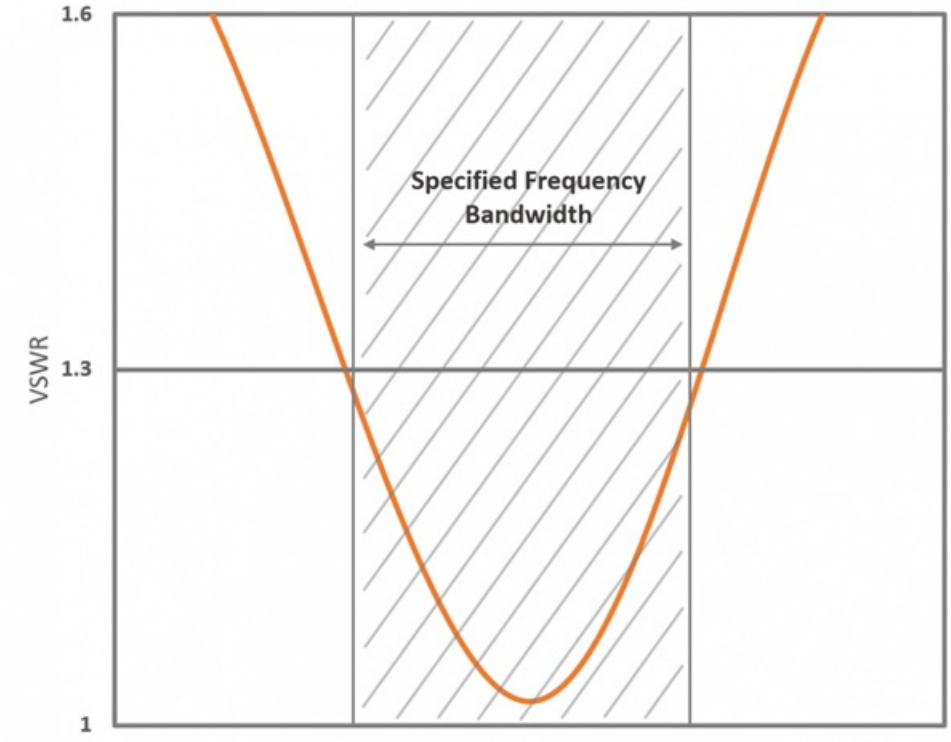

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