## Scan-Antenna®

## Datasheet

# **VHF73**

#### 3 dB VHF Fibreglass Antenna 1.26 m

- High quality VHF antenna for professional use
- Similar design available for the AIS and AM/FM bands
- Full  $1/2 \lambda$  dipole antenna design
- Full omni-directional radiation pattern
- No groundplane needed

### ELECTRICAL SPECIFICATIONS

| Frequency             | 146 - 162.5 MHz (International Maritime VHF-band a.o.) |
|-----------------------|--|
| Bandwidth             | 16.5 MHz   |
| Impedance             | 50 ohm   |
| Vswr                  | < 1.5:1  |
| Polarisation          | Vertical   |
| Gain                  | 3 dB (Marine), 0 dBd, 2.1 dBi                          |
| Max. Input Power      | 150 W  |
| Antistatic Protection | Direct Ground  |



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### MECHANICAL SPECIFICATIONS

| Color                    | White and chrome   |
|--------------------------|--|
| Height                   | Approx. 1260 mm  |
| Weight                   | 375 g  |
| Mounting                 | On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets |
| Mounting Place           | On mast or deck  |
| Materials                | PU-painted glasfibre, copper, PTFE, PE and chrome plated solid brass                 |
| Survival Wind Speed      | 55 m/s (125 mph)   |
| Operating<br>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

| 11073-000 | Antenna only - bulk packing                     |
|-----------|---|
| 11073-001 | Antenna only - in Polybag                       |
| 11073-002 | Antenna only - in Carton tube                   |
| 11073-431 | Antenna + 1" Revolving Nut Kit - in Polybag     |
| 11073-432 | Antenna + 1" Revolving Nut Kit - in Carton tube |

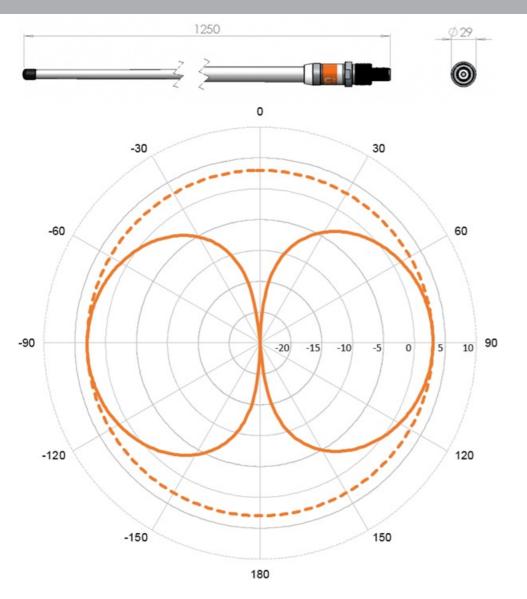
### PACKAGING INFORMATION

| Туре   | Bulk paking or individually packing in Polybag or Carton tube (See<br>"ORDERING INFORMATION") |
|--------|---|
| Size   | Approx. 1.5 m   |
| Weight | Approx. 0.5 kg  |

#### Printed: 4/3/2025

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