**Datasheet** 

# VHF54

#### 4 dB Marine VHF Glass Fibre Antenna 1.37 m with fixed 10 or 20 m cable

Long range high gain International Maritime VHF Antenna for the leisure market

- VHF antenna especially made for leisure boats
- Economical replacement for all professional marine VHF antennas
- Improved gain compared to other high quality marine VHF antennas
- Reduced antenna weight compared to similar marine VHF antennas
- Matching designs available for other frequency bands
- For mounting on all US style brackets with 1"-14NF threaded stud

#### **ELECTRICAL SPECIFICATIONS**

| Frequency             | 156 - 162.5 MHz (International Maritime VHF-band)         |
|-----------------------|---|
| Bandwidth             | 6.5 MHz   |
| Antenna Type          | End-fed full 1/2 $\lambda$ dipole - no groundplane needed |
| Impedance             | 50 ohm  |
| Vswr                  | <1.6:1  |
| 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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## **MECHANICAL SPECIFICATIONS**

| Color                    | White   |
|--------------------------|---|
| 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, PCB, PE, copper and chrome plated solid brass |
| Operating<br>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  |

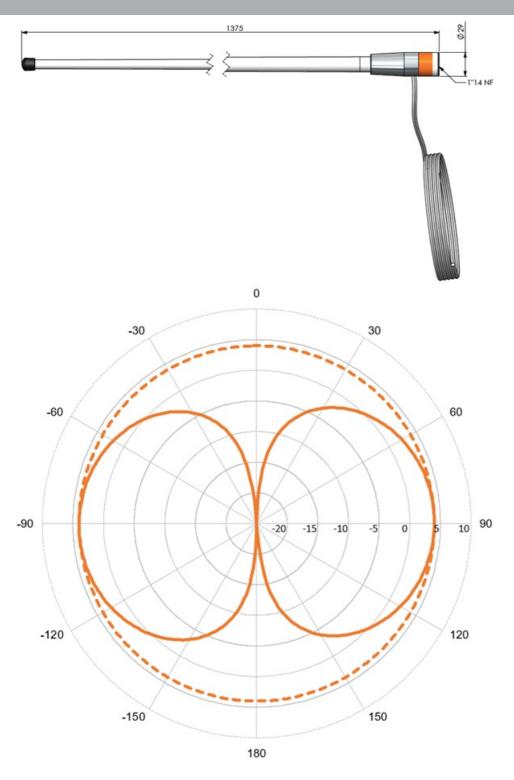
# ORDERING INFORMATION

| 11054-610 | Antenna with 10 m cable - bulk packing   |
|-----------|--|
| 11054-611 | Antenna with 10 m cable - in Polybag     |
| 11054-612 | Antenna with 10 m cable - in Carton tube |
| 11054-620 | Antenna with 20 m cable - bulk packing   |
| 11054-621 | Antenna with 20 m cable - in Polybag     |
| 11054-622 | 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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