



Datasheet

VHF136-04U

4 dB VHF Fibre glass Antenna 1.36 m

- Long range high gain VHF antenna for professional use in the International Maritime VHF Band
- Economical replacement for all professional marine VHF antennas
- Reduced antenna weight compared to similar marine AIS antennas
- Improved gain compared to other high quality marine AIS antennas
- Full omni-directional radiation pattern
- No ground plane needed
- End-fed full $1/2 \lambda$ dipole antenna design

Electrical Specifications:

| | |
|-----------------------|--|
| Frequency | 156 - 162.5 MHz (International Maritime VHF Band) |
| Bandwidth | 6.5 MHz |
| Impedance | 50 ohm |
| VSWR | < 1.6:1 |
| Polarization | Vertical |
| Gain | 4 dB (Marine), 0.5 dBd, 2.6 dBi |
| Input Power | 150 W |
| Antistatic Protection | Direct Ground (DC-short) |

Ordering information

3208.0490 Antenna + 1" Revolving Nut Kit

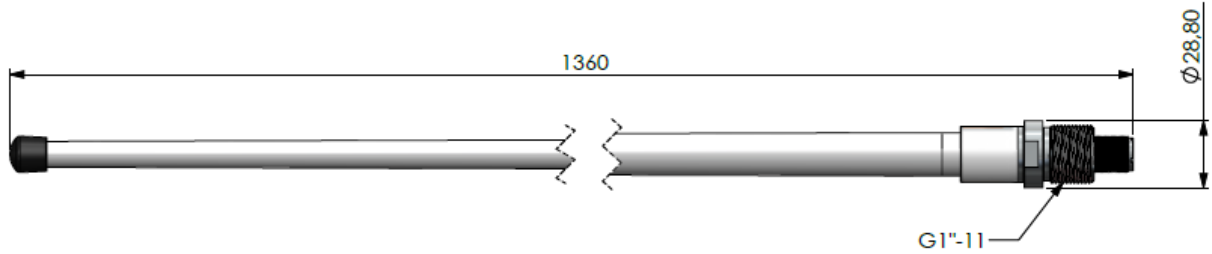
Mechanical Specifications:

| | |
|-----------------------|--|
| Color | White and chrome |
| Height | Approx. 1360 mm |
| 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 |
| 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 |
| Survival Wind Speed | 55 m/s (125 mph) |

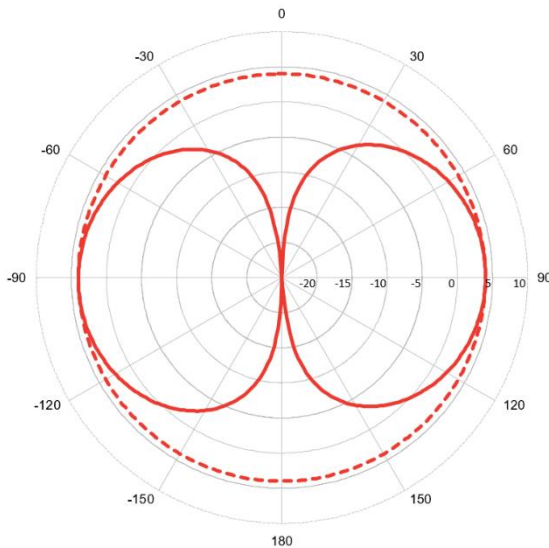
Packaging information:

| | |
|--------|-------------------------------------|
| Type | Individually packing in carton tube |
| Size | Max. 1.5 m |
| Weight | 220 g |

Outline drawing



Radiation Pattern



Typical VSWR

