

Datasheet

1 / 3

VHF23U

Custom Tunable 3 dB VHF Stainless Steel Antenna 1.15 m

- Light weight antenna especially made for sail boats
- Frequency tunable by customer
- Slim tapered stainless steel design for low wind-load

ELECTRICAL SPECIFICATIONS

| | |
|-------------------|--|
| Frequency | 141 - 179 MHz (Tunable within these frequencies. Cutting table included) |
| Bandwidth | 6.5 MHz |
| Antenna Type | Full $1/2 \lambda$ dipole - no groundplane needed |
| Impedance | 50 ohm |
| Vswr | < 1.5:1 |
| Polarisation | Vertical |
| Gain | 3 dB (Marine), 0 dBd, 2.1 dBi |
| Radiation Pattern | Omni-directional |
| Max. Input Power | 150 W |



MECHANICAL SPECIFICATIONS

| | |
|-----------------------|--|
| Color | Polished stainless steel and chrome |
| Length | Max. 1150 mm (Depending on frequency) |
| Weight | Max. 150 g (Depending on frequency) |
| Mounting Place | On deck, rail or mast depending on bracket type |
| Materials | Stainless steel, POM 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 |
| Serial no. | On product label |

Datasheet

2 / 3

ORDERING INFORMATION

| | |
|------------|-------------------------------|
| 11023-000U | Antenna only - bulk packing |
| 11023-001U | Antenna only - in Polybag |
| 11023-002U | Antenna only - in Carton tube |

PACKAGING INFORMATION

| | |
|------|---|
| Type | Individually packing Bulk or in Polybag or Cartin tube (See "ORDERING INFORMATION") |
| Size | Approx. 1.20 m |



