

VHF76X

6 dB VHF Fibreglass Antenna 2.6 - 3.4 m (Customer specified frequency)

- Customer specified frequency
- High quality VHF antenna for professional use
- End-fed full $1/2 \lambda$ dipole antenna design
- Full omni-directional radiation pattern
- No groundplane needed



Electrical Specifications:

| | |
|-----------------------|--|
| Frequency | 118 - 174 MHz (Specified by customer) |
| Bandwidth | Approx. 5 % of the specified Centre Frequency (CF) |
| Impedance | 50 ohm |
| VSWR | < 1.5 |
| Polarisation | Vertical |
| Gain | 6 dB (Marine), 3 dBd, 5.1 dBi |
| Max. Input Power | 100 W |
| Antistatic Protection | Direct Ground |

Mechanical Specifications:

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|-----------------------|--|
| Color | White and chrome |
| Height | 2640 - 3440 mm (depending on frequency) |
| Weight | 800 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 temperature | -55C to +70C (IEC 60068-2-1, IEC 60068-2-2) |
| Connector | N-female |
| Cable | No cable supplied |
| Ingress Protection | IP66 |
| Vibration | IEC 60068-2-6, IEC 60068-2-64 |



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| Serial no. | On product label |
|------------|------------------|

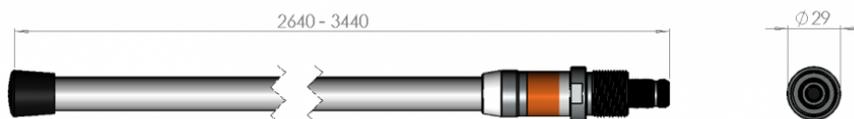
Ordering information:

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|-----|--|
| P/N | 11076-000X (Antenna only - bulk packing) |
| P/N | 11076-001X (Antenna only - in Polybag) |
| P/N | 11076-002X (Antenna only - in Carton tube) |
| P/N | 11076-431X (Antenna + 1" Revolving Nut Kit - in Polybag) |
| P/N | 11076-432X (Antenna + 1" Revolving Nut Kit - in Carton tube) |

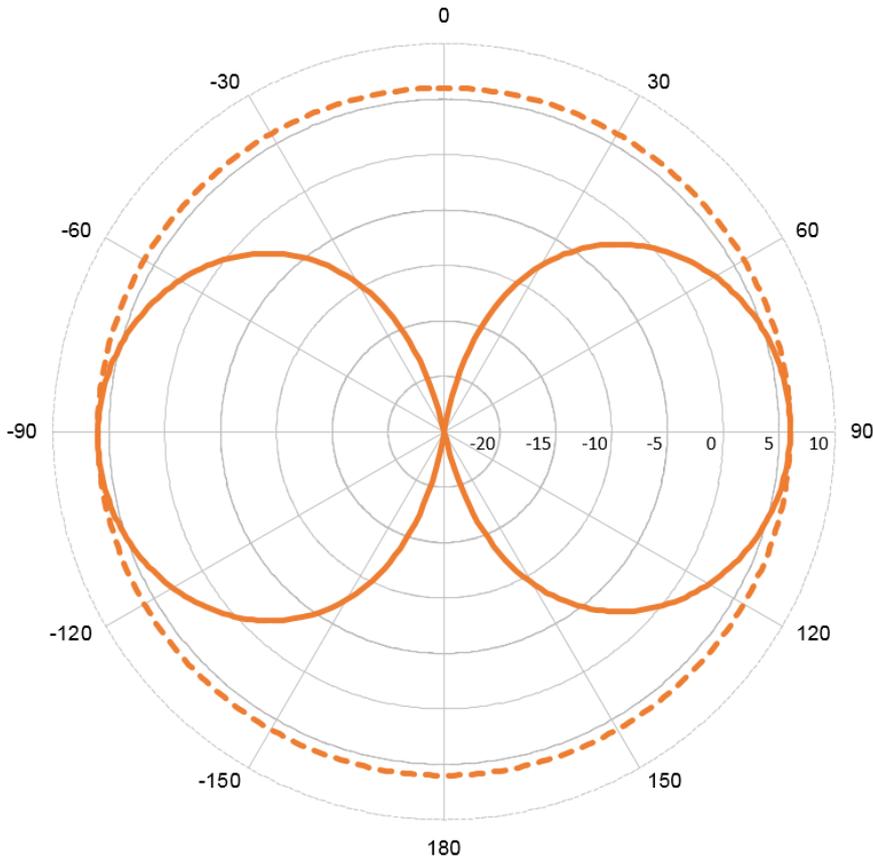
Packaging Information:

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|--------|--|
| Type | Bulk paking or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION") |
| Size | 2.7 - 3.5 m (depending on frequency) |
| Weight | 1.1 - 2.2 kg (depending on frequency) |

Outline Drawing



Radiation Pattern



Typical VSWR

