

# UHF46X

6 dB UHF Fibreglass Antenna 1.44-1.54 m (Customer specified frequency)

- Customer specified frequency
- End-fed full  $1/2 \lambda$  coaxial dipole antenna design
- Full omni-directional radiation pattern
- No groundplane needed

## ELECTRICAL SPECIFICATIONS

|                       |   |
|-----------------------|---|
| Frequency             | 398 - 512 MHz (Specified by customer)     |
| Bandwidth             | 4% 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      | 250 W                                     |
| Antistatic Protection | Direct Ground                             |



## Datasheet

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## MECHANICAL SPECIFICATIONS

|                       |  |
|-----------------------|--|
| Color                 | White and chrome   |
| Height                | 1440-1540 mm (depending on frequency)  |
| Weight                | Max. 500 g (depending on frequency)  |
| 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 glassfibre, 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  |
| Serial no.            | On product label   |

## ORDERING INFORMATION

|     |  |
|-----|--|
| P/N | 14046-000X (Antenna only- bulk packing)                      |
| P/N | 14046-001X (Antenna only - in Polybag)                       |
| P/N | 14046-002X (Antenna only - in Carton tube)                   |
| P/N | 14046-431X (Antenna + 1" Revolving Nut Kit - in Polybag)     |
| P/N | 14046-432X (Antenna + 1" Revolving Nut Kit - in Carton tube) |

## PACKAGING INFORMATION

|        |  |
|--------|--|
| Type   | Bulk packing or individually packing in Polybag or Carto tube (See "ORDERING INFORMATION") |
| size   | Max. 1.6 m (depending on frequency)  |
| weight | 0.6-0.7 kg   |

A-1555  
B-1455  
C-1455  
D-1315  
X-1455



