

AIS/UHF

3 dB AIS/UHF Fibreglass Antenna 1.26 m

- Suitable for Panama Canal Authority Fixed Pilot Unit
- High quality combined antenna for professional use
- Covers the AIS band and UHF band
- Full $1/2 \lambda$ dipole antenna design
- Full omni-directional radiation pattern
- No groundplane needed

ELECTRICAL SPECIFICATIONS

| | |
|-----------------------|-------------------------------|
| Frequency | 161- 163 MHz, 450 - 460 MHz |
| Bandwidth | 2 MHz, 10 MHz |
| Impedance | 50 Ohm |
| VSWR | VHF: < 1.5:1 UHF: < 3.0:1 |
| Polarisation | Vertical |
| Gain | 3 dB (Marine), 0 dBd, 2.1 dBi |
| Max. Input Power | 150 W |
| Antistatic Protection | Direct Ground |



Datasheet

2 / 2

MECHANICAL SPECIFICATIONS

| | |
|-----------------------|--|
| Color | White and chrome |
| Height | Approx. 1260 mm |
| Weight | 375 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 | Type 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

| | |
|-----------|---|
| 11443-432 | Antenna + 1" Revolving Nut Kit - in Carton tube |
|-----------|---|

PACKAGING INFORMATION

| | |
|--------|--|
| Type | Bulk paking or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION") |
| Size | Approx. 1.5 m |
| Weight | Approx. 0.5 kg |