

Datasheet

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



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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
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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