



Datasheet

AIS136-04U

4 dB AIS Fibre glass Antenna 1.36 m

- Long range high gain International Maritime AIS Antenna for professional use
- Economical replacement for all professional marine AIS antennas
- Reduced antenna weight compared to similar marine AIS antennas
- Improved gain compared to other high quality marine AIS antennas
- Full omni-directional radiation pattern
- No ground plane needed
- End-fed full $1/2 \lambda$ dipole antenna design

Electrical Specifications:

Frequency	161.5 - 162.5 MHz (International AIS-band)
Bandwidth	1 MHz
Impedance	50 ohm
VSWR	< 1.3:1
Polarization	Vertical
Gain	4 dB (Marine), 0.5 dBd, 2.6 dBi
Input Power	150 W
Antistatic Protection	Direct Ground (DC-short)

Ordering information

3208.0494 Antenna + 1" Revolving Nut Kit

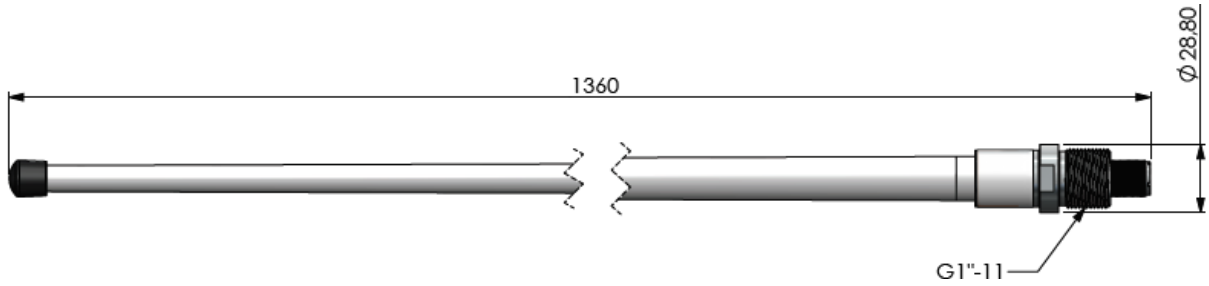
Mechanical Specifications:

Color	White and chrome
Height	Approx. 1360 mm
Mounting	On 1" threaded pole (G1"-11 thread) with Revolving Nut Kit or on optionally brackets
Mounting place	On rail, mast or deck
Materials	PU-painted glass fibre, copper, PCB, PE 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
Vibration	IEC 60068-2-6, IEC 60068-2-64
Survival Wind Speed	55 m/s (125 mph)

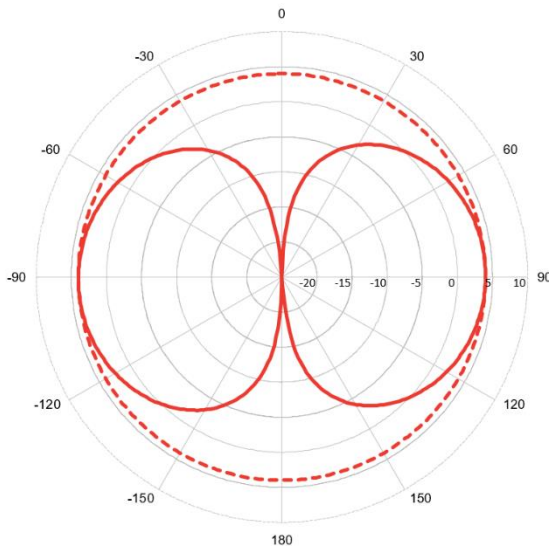
Packaging information:

Type	Individually packing in carton tube
Size	Max. 1.5 m
Weight	Approx. 0.5 kg

Outline drawing



Radiation Pattern



Typical VSWR

