

Datasheet

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AIS23

3 dB light weight Stainless Steel Antenna 0.92 m

- Light weight stainless steel antenna especially made for sailboats
- Full $1/2 \lambda$ antenna design
- Full omni-directional radiation pattern
- No groundplane needed

ELECTRICAL SPECIFICATIONS

Frequency	161.5 - 162.5 MHz (International AIS-band)
Bandwidth	1 MHz
Impedance	50 ohm
Vswr	<1.5:1
Polarisation	Vertical
Gain	3 dB (Marine), 0 dBd, 2.1 dBi
Max. Input Power	50 W

MECHANICAL SPECIFICATIONS

Color	Polished stainless steel and chrome
Height	Approx. 915 mm
Weight	120 g
Mounting	On mast or wall with supplied bracket
Mounting Place	On mast or wall
Materials	Stainless steel, POM, copper 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
Serial no.	On product label



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ORDERING INFORMATION

P/N	12023-001 (Antenna only - in Polybag)
P/N	12023-002 (Antenna only - in Carton tube)
P/N	12023-141 (Antenna + Wall/Rail Mount - in Polybag)
P/N	12023-221 (Antenna + Wall/Rail Mount - in Polybag)
P/N	12023-222 (Antenna + Wall/Rail Mount - in Carton tube)
P/N	12023-431 (AIS23-1 + 1"NUT, 3DB, BAG)
P/N	12023-432 (AIS23-1 + 1"NUT, 3DB, TUBE)
P/N	12023-451 (Antenna + 1"-14 Adapter - in Polybag)
P/N	12023-452 (Antenna + 1"-14 Adapter - in Carton tube)



PACKAGING INFORMATION

Type	Bulk paking or individually packing in Polybag or Carton tube (See "ORDERING INFORMATION")
Size	Approx. 1,1 m



