## Datasheet

# 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





SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

## Scan-Antenna®

## Datasheet

### **ORDERING INFORMATION**

P/N	12023-000 (Antenna only - bulk packing)
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	12023-451 (Antenna + 1"-14 Adapter - in Polybag)
P/N	12023-452 (Antenna + 1"-14 Adapter - in Carton tube)



### PACKAGING INFORMATION

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



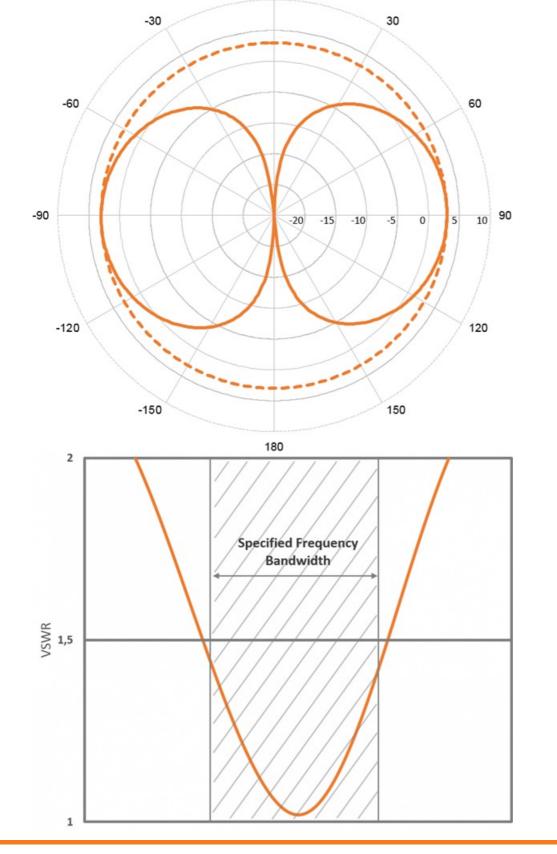


SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.

### Printed: 4/4/2025

## Scan-Antenna®

## Datasheet



0

SCAN ANTENNA A/S | LITERBUEN 15 | 2740 SKOVLUNDE | DENMARK | +45 +454333 1620 Disclaimer: Here you find all products for a complete antenna system. One-stop supplier with focus on high quality products produced in EU. No matter which type of antenna you are searching for, you will find it here. Every effort has been made to ensure the accuracy of the information in this product sheet. Scan Antenna reserves the right to introduce changes to this information without notice. All rights reserved.