

## Datasheet

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# VHF23U

Custom Tunable 3 dB VHF Stainless Steel Antenna 1.15 m

- Light weight antenna especially made for sail boats
- Frequency tunable by customer
- Slim tapered stainless steel design for low wind-load

## ELECTRICAL SPECIFICATIONS

Frequency	141 - 179 MHz (Tunable within these frequencies. Cutting table included)
Bandwidth	6.5 MHz
Antenna Type	Full 1/2 $\lambda$ dipole - no groundplane needed
Impedance	50 ohm
Vswr	< 1.5:1
Polarisation	Vertical
Gain	3 dB (Marine), 0 dBd, 2.1 dBi
Radiation Pattern	Omni-directional
Max. Input Power	150 W



## MECHANICAL SPECIFICATIONS

Color	Polished stainless steel and chrome
Length	Max. 1150 mm (Depending on frequency)
Weight	Max. 150 g (Depending on frequency)
Mounting Place	On deck, rail or mast depending on bracket type
Materials	Stainless steel, POM 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	11023-000U (Antenna only - bulk packing)
P/N	11023-001U (Antenna only - in Polybag)
P/N	11023-002U (Antenna only - in Carton tube)

## PACKAGING INFORMATION

Type	Individually packing Bulk or in Polybag or Cartin tube (See "ORDERING INFORMATION")
Size	Approx. 1.20 m



