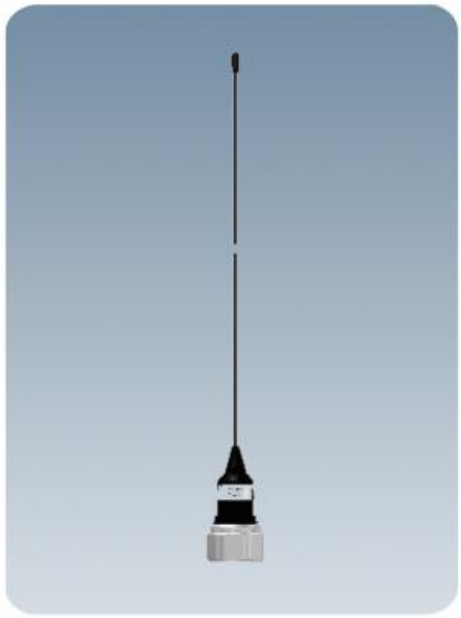
End-fed ½ λ dipole marine and base station antenna.



DESCRIPTION

- Black-chromed stainless steel whip.
- Full-size, end-fed ½ λ antenna whip.
- This base station and maritime UHF antenna is developed for use on board ships as well as on masts and thanks to the 1" revolving nut mounting system it can be mounted in the mast, in the auxilliary mast as well as on the cross-beam. By means of Procom's flange mount it can also be mounted on deck or rooftop.
- Bear in mind that the higher the antenna is mounted the better the coverage.
- Avoid mounting the antenna parallel with and in the neighbourhood of other metal parts, such as mast, supporting wires etc. Free mounting and as high as possible is most preferable, otherwise the SWR and the radiation diagram will be influenced.
- The antenna is a ½ λ design and this means that it needs neither loading coils, ground-plane, radials nor other auxiliary arrangements.

SPECIFICATIONS

Electrical	
Model	MA 450/...
Frequency	Models within 380 - 460 MHz
Antenna Type	½λ antenna
Max. Input Power	25 W
Polarisation	Vertical
3 dB Beamwidth, H-Plane	Omnidirectional
Impedance	50 Ω
Gain	0 dBd (2.2 dBi)
Bandwidth	20 MHz

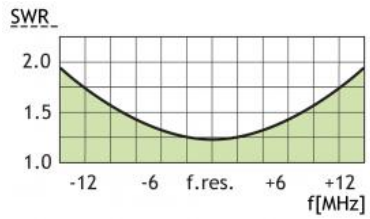
Mechanical	
Connection(s)	N(f)
Materials	Black-chromed stainless steel Black-chromed brass
Colour	Black
Height	400 mm / 15.75 in.
Weight	0.16 kg / 0.35 lb

ORDERING

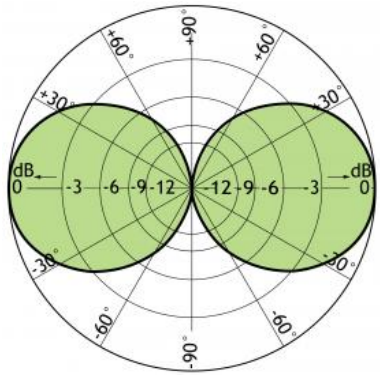
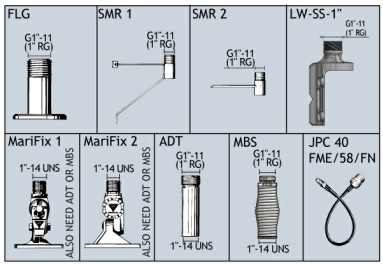
Model	Product No.
MA 450/ 380-400 MHz	110000343
MA 450/ 440-460 MHz	110000352

DIAGRAM

TYPICAL SWR CURVE



TYPICAL RADIATION PATTERN (E-PLANE)



ACCESSORIES (to be ordered separately)