

End-fed 1/2 λ dipole marine and base station antenna.

DESCRIPTION

- Black-chromed stainless steel whip.
- Full-size, end-fed 1/2 λ antenna whip.
- This base station and maritime VHF 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 VSWR and the radiation diagram will be influenced.
- The antenna is a 1/2 λ design and this means that it needs neither loading coils, ground-plane, radials nor other auxiliary arrangements.



SPECIFICATIONS

Electrical	
Model	MA 160/...
Frequency	Models within 149 - 175 MHz
Antenna Type	1/2 λ antenna
Max. Input Power	25 W
Polarisation	Vertical
3 dB Beamwidth, H-Plane	Omnidirectional
Impedance	50 Ω
Gain	0 dBd (2.2 dBi)
VSWR	≤ 2.0:1 typ. ≤ 1.5:1
Bandwidth	Up to 15 MHz

Mechanical	
Connection(s)	N(f)
Materials	Black-chromed stainless steel Black-chromed brass
Colour	Black
Height	Approx. 800 mm / 31.50 in.
Weight	Approx. 0.22 kg / 0.49 lb.

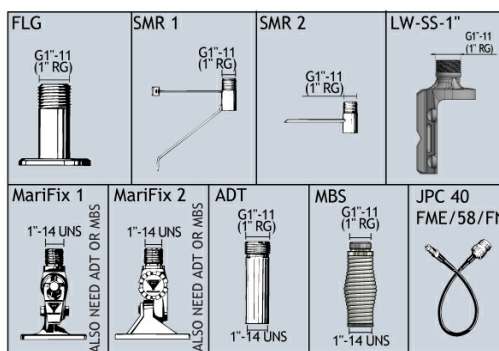
ORDERING

Model	Product No.
MA 160/149-164 MHz	110000340
MA 160/156-162.5 MHz	110000350
MA 160/164-170 MHz	110000351
MA 160/167-175 MHz	110000358

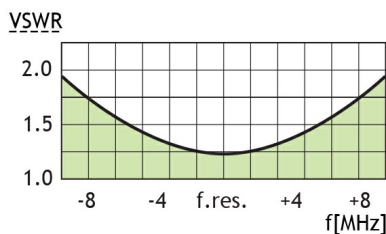
ORDERING NOTE

Other frequencies on request.

Accessories (to be ordered separately)



Typical VSWR Curve



Typical Radiation Pattern (E-Plane)

