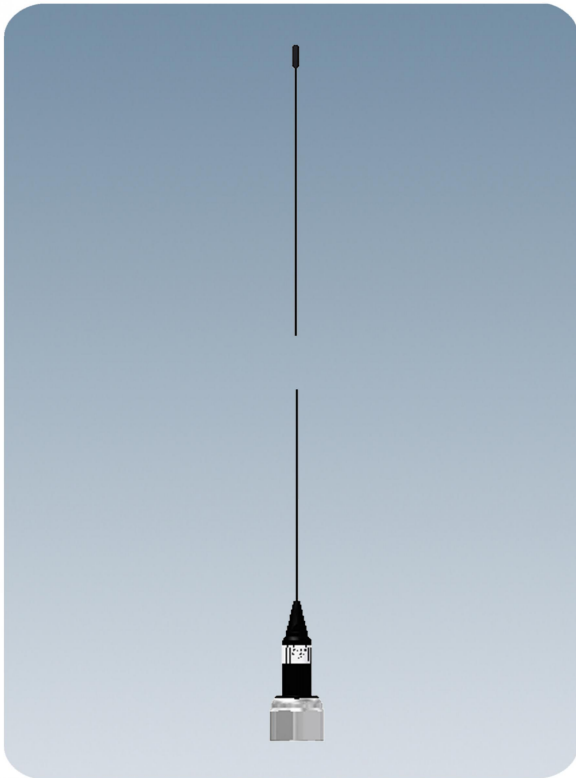


MA 160/...

End-fed $\frac{1}{2} \lambda$ dipole marine and base station antenna.

DESCRIPTION

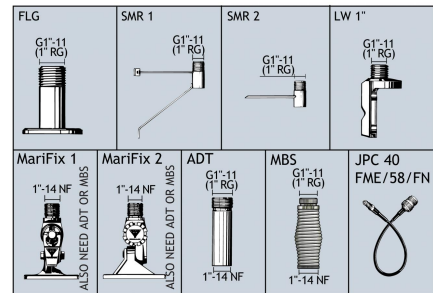
- Black-chromed stainless steel whip.
- Full-size, end-fed $\frac{1}{2} \lambda$ antenna whip.
- This base station and maritime VHF antenna is developed for use on board ships as well as on masts and thanks to the 1" revolving nut mounting system it can be mounted in the mast, in the auxiliary mast as 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 $\frac{1}{2} \lambda$ design and this means that it needs neither loading coils, ground-plane, radials nor other auxiliary arrangements.



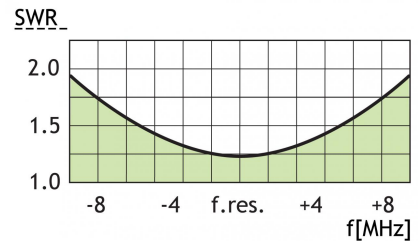
SPECIFICATIONS

ELECTRICAL	
MODEL	MA 160/...
ANTENNA TYPE	$\frac{1}{2} \lambda$ antenna
FREQUENCY	Models within 149 - 164 MHz
IMPEDANCE	Nom. 50 Ω
POLARIZATION	Vertical
GAIN	2 dBi 0 dBd
BANDWIDTH	Up to 15 MHz
SWR	≤ 2 typ. ≤ 1.5
MAX. POWER	25 W
MECHANICAL	
MATERIALS	Black-chromed stainless steel Black-chromed brass
COLOUR	Black
TOTAL HEIGHT	Approx. 800 mm / Approx. 31.5 in.
WEIGHT	Approx. 220 g / Approx. 0.49 lb.
CONNECTOR	N (female)

ACCESSORIES (to be ordered separately)



TYPICAL SWR CURVE

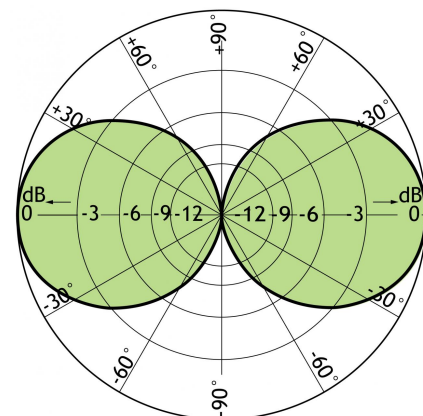


ORDERING DESIGNATIONS

TYPE	PRODUCT NO.
MA 160/ 149-164 MHz	110000340
MA 160/ 156-162.5 MHz	110000350
MA 160/ 167.175 MHz	110000351

Other frequencies on request

TYPICAL RADIATION PATTERN (E-PLANE)





PROCOM A/S reserve the right to amend specifications without prior notice.

13/03/15