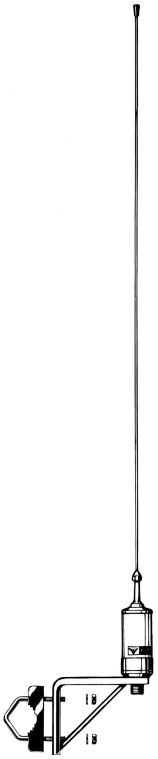
MA 2-1 MR

Marine VHF Antenna with Low Wind Load

DESCRIPTION

- This marine VHF antenna is developed especially for sailboats where low weight and wind load for a masthead-mounted antenna is essential.
- The tapered 1/2 λ stainless steel radiator together with glass fibre matching unit housing, chrome plated brass parts and stainless steel corner bracket make this antenna tough and ready to cope with the corrosive environment at the masthead.
- The end-fed dipole principle makes the antenna independent of ground-plane, radials or other auxiliary arrangements.
- The antenna whip should not be mounted parallel or near to other metal parts such as windex, supporting wires etc. Free mounting and as high as possible is preferable, otherwise the SWR and the radiation diagram will be influenced.



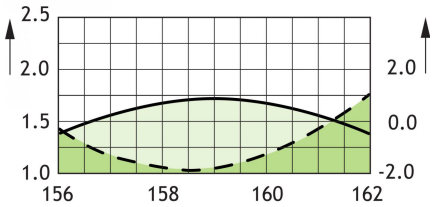
ORDERING DESIGNATIONS

TYPE NO.	PRODUCT NO.
MA 2-1 MR	110000131

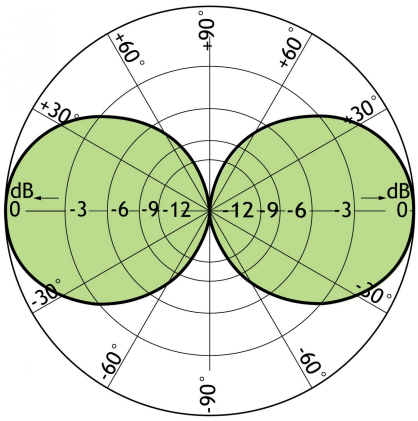
SPECIFICATION

ELECTRICAL	
MODEL	MA 2-1 MR
ANTENNA TYPE	1/2 λ dipole, end-fed
FREQUENCY	156 – 162 MHz
IMPEDANCE	Nom. 50 Ω
POLARISATION	Vertical
GAIN	2 dBi 0 dBd
BANDWIDTH	6 MHz
SWR	<1.3 @ f.res
MAX. POWER	200 W
MECHANICAL	
TEMP. RANGE	-30° C → +70° C
CONNECTOR	UHF-female
WIND SURFACE	0.0076 m²
WIND LOAD	8.5 N @ 150 km/h
COLOUR	Marine white
MATERIALS	Shroud : Stainless steel Housing: Glassfibre and chromed brass
TOTAL HEIGHT	Approx. 1.08 m
WEIGHT	Approx. 480 g
MOUNTING	With fast screws, rivets or binders

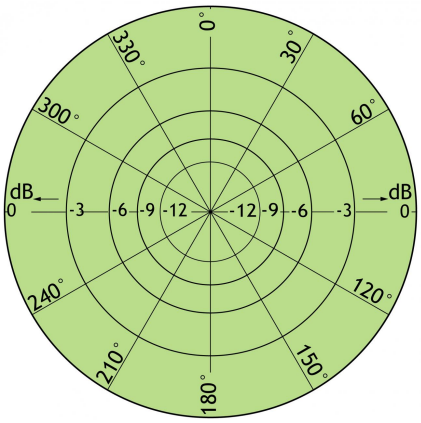
TYPICAL GAIN AND SWR CURVES



TYPICAL RADIATION PATTERN (E-PLANE)



TYPICAL RADIATION PATTERN (H-PLANE)



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

09/11/11