

Model MARINER 160 S2

VHF Marine Antenna 155-162 MHz

Installation Manual

DESCRIPTION

1/2 λ marine antenna working on 155-162 MHz without Ground Plane. The whip is made of fibreglass and all metallic parts are of chromium plated brass and stainless steel. The whip can be tilted for 180° thanks to its stainless steel swivel joint. No frequency adjustments are required.

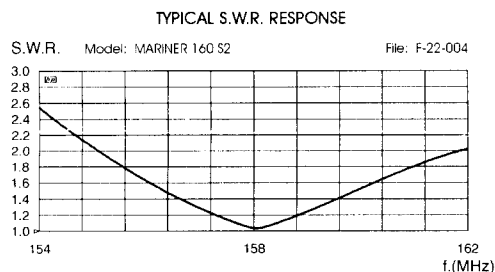
SPECIFICATIONS

Electrical Data

Type	:	1/2 λ Marine Antenna
Frequency Range	:	155-162 MHz
Impedance	:	50 Ω Unbalanced
Radiation (H-plane)	:	360° Omnidirectional
Radiation (E-plane)	:	Beamwidth at -3 dB = 60°
Radiation angle deg.	:	23°
Polarization	:	Vertical
Gain	:	0 dBd, 2.15 dBi
Bandwidth at S.W.R. 2:1	:	6.7 MHz
S.W.R. at f. res.	:	$\leq 1.2:1$
Max Power	:	100 Watts
Feed System / Position	:	Transformer DC-ground / Base
Connector	:	UHF-female

Mechanical Data

Materials	:	Chromed Brass, Nylon, Glass fibre, Stainless Steel
Height (approx.)	:	905 mm
Weight (approx.)	:	420 gr



TYPICAL RADIATION PATTERN in E-plane at 158 MHz
File: E-22-004 Scale: linear

