

# Model **SB 3 S/...**

VHF Marine Antenna 156-163 MHz

## Installation Manual

### DESCRIPTION

$3/4 \lambda$  marine antenna working on 156-163 MHz without Ground Plane particularly protected against the worst sea climates. The conic fibre glass tube makes it strong and solid in every situation. The radial whip is earthed and it is supplied with a stainless steel bracket for a quick installation on the top of the mast. It is provided with 5 or 18 m white cable RG 58 already connected. In the mentioned range of frequencies adjustments are not required.

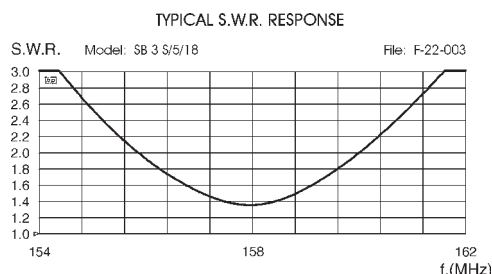
### SPECIFICATIONS

#### Electrical Data

Type	:	$3/4 \lambda$ J-pole Marine Antenna
Frequency Range	:	156-163 MHz
Impedance	:	50 $\Omega$ Unbalanced
Radiation (H-plane)	:	360° Omnidirectional
Radiation (E-plane)	:	Beamwidth at -3 dB = 39°
Radiation angle deg.	:	21°
Polarization	:	Vertical
Gain	:	2 dBd - 4.15 dBi
Bandwidth at V.S.W.R. 2:1	:	5.5 MHz at 158 MHz
V.S.W.R. at f. res.	:	$\leq 1.4:1$
Max Power	:	100 Watts
Feed System / Position	:	$1/4 \lambda$ Parallel Line Stub / Base

#### Mechanical Data

Materials	:	Chromed Brass, Glass fibre, Copper
Height (approx.)	:	1465 mm
Weight (approx.)	:	485 gr



TYPICAL RADIATION PATTERN in E-plane at 158 MHz  
File: E-22-003 Scale: linear

