

# SB 3 U

VHF Marine Antenna 156-163 MHz

## Installation Manual

### DESCRIPTION

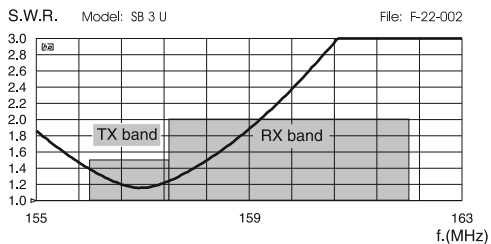
#### Features:

- # Omnidirectional marine antenna, Mono-band,
- # Designed to work without Ground Plane
- # Protection from static discharges DC-Ground, Perfect protection against the worst weather conditions, Stainless steel hardware
- # Provided with stainless steel bracket for an easy installation on mast top
- # High quality whip made of brass protected by fiberglass tube

### SPECIFICATIONS

Electrical Data	SB 3 U
Type	$3/4 \lambda$ J-pole
Frequency Range	156 - 163 MHz
Impedance	$50 \Omega$
Radiation (H-plane)	360° Omnidirectional
Radiation (E-plane)	Beamwidth @ -3dB: 39°
Radiation angle	21°
Polarization	Linear Vertical
Gain	2 dBi, 4.15 dBi
Max Power (CW) @ 30° C	100 Watts
Grounding Protection	All metal parts are DC-grounded, the inner conductor show a DC short
Connector	UHF-Female
Mechanical Data	
Materials	Fiberglass, Chromed Brass, Nylon
Height (approx.)	1465 mm, 4.8 ft
Weight (approx.)	300 gr, 0.66 lb

TYPICAL S.W.R. RESPONSE



TYPICAL RADIATION PATTERN in E-plane at 158 MHz  
File: E-22-002 Scale: linear

