Model SB 1 S

VHF Marine Antenna 156-163 MHz

Installation Manual

DESCRIPTION

1/2 λ marine antenna working on 156-163 MHz without Ground Plane. It is particularly protected against the worst sea atmospheric agents. Light and short, it is inserted into a strong conic glass fibre tube. It is supplied with a stainless steel bracket for an easy and quick installation on the top of the mast. In the mentioned range of frequencies adjustments are not required.

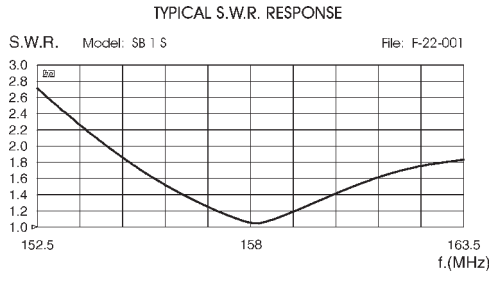
SPECIFICATIONS

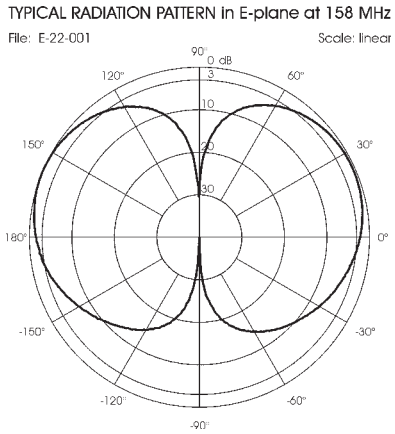
Electrical Data

Type	:	1/2 λ Marine Antenna
Frequency Range	:	156-163 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, 2.14 dBi
Bandwidth at V.S.W.R. 2:1	:	9.3 MHz at 158 MHz
V.S.W.R. at f. res.	:	≤ 1.3:1
Max Power	:	100 Watts
Feed System / Position	:	Transformer DC-ground / Base
Connection	:	UHF SO 239

Mechanical Data

Materials	:	Brass, Glass Fibre, Stainless Steel, Copper
Height (approx.)	:	1060 mm
Weight (approx.)	:	375 gr





Model SB 2 S

VHF Marine Antenna 156-163 MHz

Installation Manual

DESCRIPTION

1/2 λ marine antenna working on 156-163 MHz without Ground Plane. It is particularly protected against the worst sea atmospheric agents. Light and short, its whip is made of 17/7 PH stainless steel. It is supplied with a stainless steel bracket for an easy and quick installation on the top of the mast. In the mentioned range of frequencies adjustments are not required.

SPECIFICATIONS

Electrical Data

Type	:	1/2 λ Marine Antenna
Frequency Range	:	156-163 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, 2.14 dBi
Bandwidth at V.S.W.R. 2:1	:	9.4 MHz at 158 MHz
V.S.W.R. at f. res.	:	≤ 1.3:1
Max Power	:	100 Watts
Feed System / Position	:	Transformer DC-ground / Base
Connection	:	UHF SO 239

Mechanical Data

Materials	:	Chromed Brass, Nylon, Copper, Stainless steel 17/7 PH
Height (approx.)	:	1050 mm
Weight (approx.)	:	330 gr