

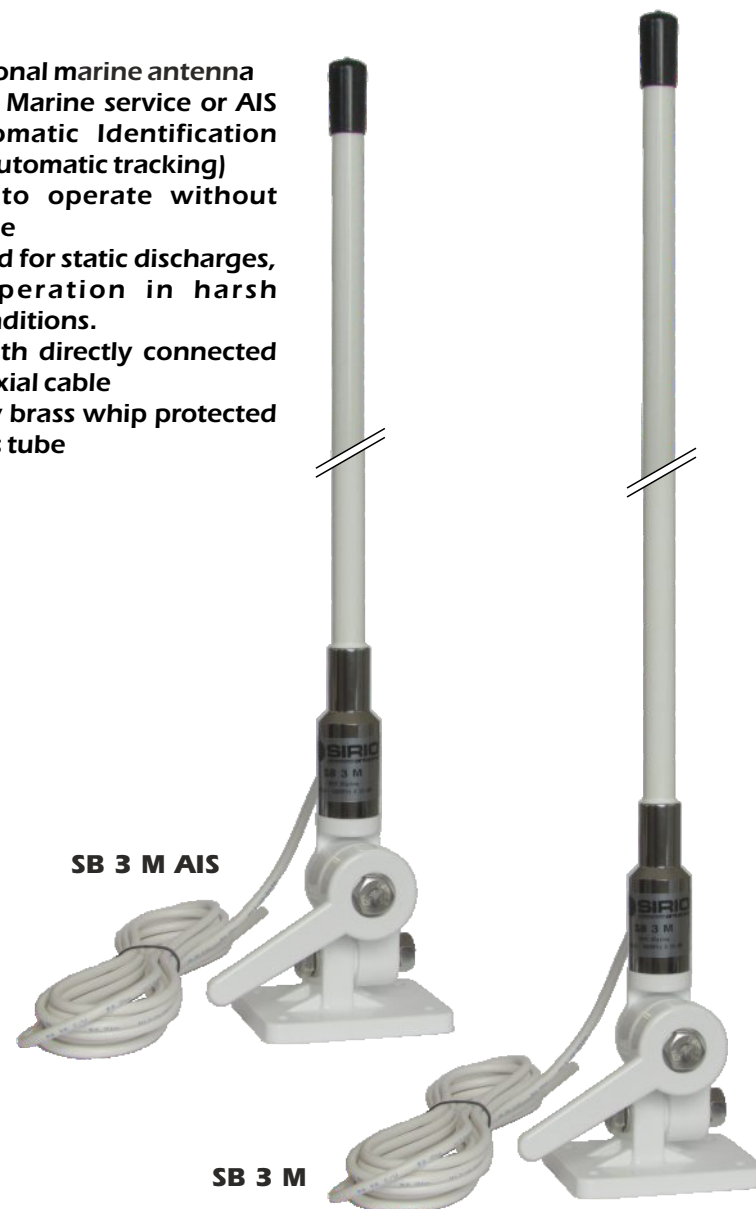
SB 3 M

VHF Marine Antenna 156-163 MHz / AIS band

SB 3 M AIS

Features:

- # Omnidirectional marine antenna
- # Single-band Marine service or AIS band (Automatic Identification System for automatic tracking)
- # Designed to operate without ground plane
- # DC-grounded for static discharges, reliable operation in harsh weather conditions.
- # Supplied with directly connected low loss coaxial cable
- # High quality brass whip protected by fiberglass tube

*Installation Manual*

SPECIFICATIONS

Electrical Data	SB 3 M	SB 3 M AIS
Type	3/4 λ J-pole	
Frequency Range	156 - 163 MHz	161.5 - 162 MHz
Impedance	50 Ω	
Radiation (H-plane)	360° Omnidirectional	
Radiation (E-plane)	Beamwidth @ -3dB: 39°	Beamwidth @ -3dB: 67°
Radiation angle	21°	0°
Polarization	Linear Vertical	
Gain	0 dBd, 2.15 dBi	
Max Power (CW) @ 30° C	100 Watts	
Grounding Protection	All metal parts are DC-grounded, the inner conductor show a DC short	
Standard Mount	M8-NY	
Cable Length / Type	5 m, 16.4 ft / white Low Loss	

Mechanical Data

Materials	Fiberglass, Chromed Brass, Nylon	
Height (approx.)	1480 mm; 4.8 ft	1280 mm; 4.2 ft
Weight (approx.)	750 gr; 1.7 lb	730 gr; 1.6 lb
Ingress Protection	IP 65	

"M-8 NY" Marine Mount

Supplied with rectangular gasket and screws

Connection: standard 1"x14 threads

Dimensions: 67 x 94 x 124 mm, 2.6 x 3.7 x 4.9 in

Weight (approx.): 330 gr, 0.7 lb

Materials: Nylon, Stainless steel hardware

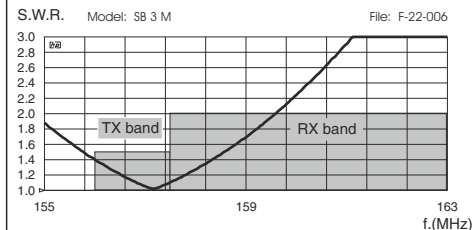
Re-order cod: P/N 2503301.00



Connection:
1" x 14 threads

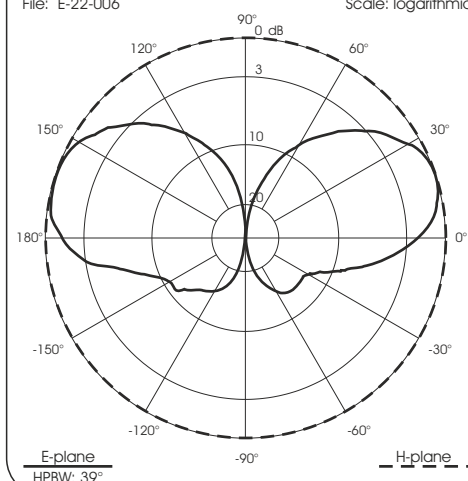
SB 3 M

TYPICAL S.W.R. RESPONSE



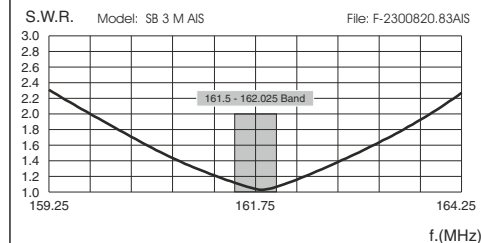
TYPICAL RADIATION PATTERN at 158 MHz

File: E-22-006 Scale: logarithmic



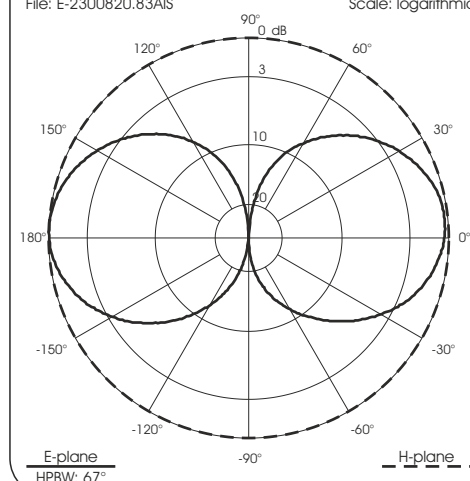
SB 3 M AIS

TYPICAL S.W.R. RESPONSE



TYPICAL RADIATION PATTERN 161.75 MHz

File: E-2300820.83AIS Scale: logarithmic



HI-QUALITY ANTENNAS MADE IN ITALY

