

CRUISER VHF

VHF Marine Antenna 156-163 MHz

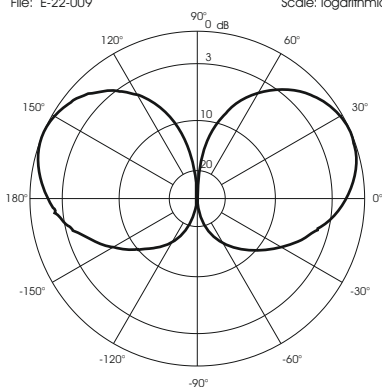
DESCRIPTION

156-163 MHz marine antenna working on VHF marine band without Ground Plane. The fiberglass radiator allow a perfect protection against the worst sea weather and is DC-grounded in order to avoid stray R.F. currents and their discharges. All its metallic components are made of chromed brass. It is supplied with "M8" nylon marine mount and 5 meters white coaxial cable. In the mentioned range of frequencies adjustments are not required.

SPECIFICATIONS

Electrical Data	CRUISER VHF
Type	$1/2 \lambda$ base loaded
Frequency Range	156-163 MHz; (154-162.5 MHz @ SWR ≤ 2)
Impedance	50Ω
Radiation (H-plane)	360° Omnidirectional
Radiation (E-plane)	Beamwidth @ -3dB = 60°
Radiation angle deg.	23°
Polarization	Linear Vertical
Gain	0 dBd, 2.15 dBi
Max Power (CW) @ 30° C	100 Watt
Grounding Protection	All metal parts are DC-grounded, the inner conductor shows a DC short
Standar Mount	"M8-NY"
Cable Lenght / Type	5 m, 16.4 ft / white coaxial cable
Mechanical Data	
Materials	Fiberglass, Chromed Brass, Nylon
Height (approx.)	1100 mm, 3.6 ft
Weight (approx.)	680 gr, 1.5 lb

TYPICAL RADIATION PATTERN in E-plane at 158 MHz
File: E-22-009 Scale: logarithmic



TYPICAL S.W.R. RESPONSE

