

# RA1225HP

2,4M (8') VHF  
MARINE ANTENNA  
Installation Guide



Please read the following page before attempting installation to ensure complete understanding of the RA1225HP VHF Antenna.

The RA1225HP antenna is a high performance 2,4m (8') VHF antenna designed to transmit and receive on Marine VHF channels. It is equipped with 6m (20') RG-8X coax cable with a pre-wired FME connector and PL259 adaptor/connector for easy installation.

#### FEATURES

- Brass radiators for maximum transmit and receive performance
- White 2,4m (8') marine VHF antenna with 6dB Gain
- 1"-14 stainless steel ferrule
- Equipped with 6m (20') RG-8X coax cable with pre-wired FME connector
- Equipped with PL259 adaptor/connector

#### ACCESSORIES (NOT included)



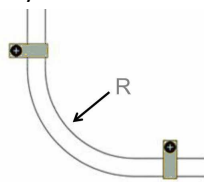
#### RA107SSFME

4-way **heavy duty** stainless steel ratchet mount

#### INSTALLATION

For best performance:

- The antenna should be mounted as high as possible (VHF signal is line of sight so height matters).
- Please keep the VHF Antenna's cable away from other cables.
- Please keep the antenna vertical for the best performance.
- Please keep the antenna away from large metal objects and other radiating devices like RADAR, TV and GPS and other antennas (minimum distance: 1m / 3,3').
- Pay Attention: the minimum bend radius must be 6cm (2.4")



- To install the PL259 adaptor/connector on the RG-8X coax cable, fit the PL259 adaptor on the FME connector and screw the nut counter clockwise (no soldering required).

SPECIFICATIONS			
FREQUENCY RANGE	156MHz to 162MHz	DC GROUND	Yes
GAIN AVERAGE	6 dB	MAX INPUT POWER	100 W
IMPEDANCE	50 ohms	ANTENNA LENGHT	2,4m (8')
POLARIZATION	Vertical	ANTENNA WEIGHT	750g (26,3 oz)
ELEMENTS	Brass and copper	TERMINATION	6m (20') RG-8X coax cable + PL259 adaptor/connector
SWR at 156.8MHz	1.3	FERRULE	1"x14

*Performance specifications are nominal and unless otherwise indicated, are subject to change without notice.*