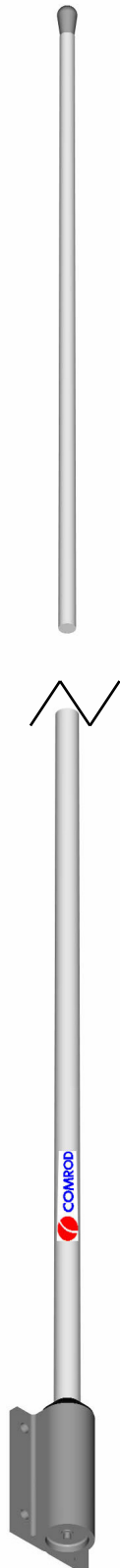


# COMROD AV62M9

## 9' Marine VHF Antenna



### Application:

The AV62M9 is a rugged high quality gain antenna designed for the maritime VHF radio telephone service. It is designed for use on fishing craft and larger vessels, but is also suitable for use on pleasure craft when the demands are very high.

### Electrical specifications:

Frequency range	156-159 MHz, VSWR < 1.5 : 1 153-162 MHz, VSWR < 2 : 1
Nominal impedance	50 ohm
Power rating	100 W
Gain	4 dbi *
Pattern	Horizontal plane: Omnidirectional Vertical plane: See reverse side
Polarization	Vertical
Connector	UHF female
DC-grounded	Yes

\*: This equals or exceeds the gain of competing 6dB antennas.

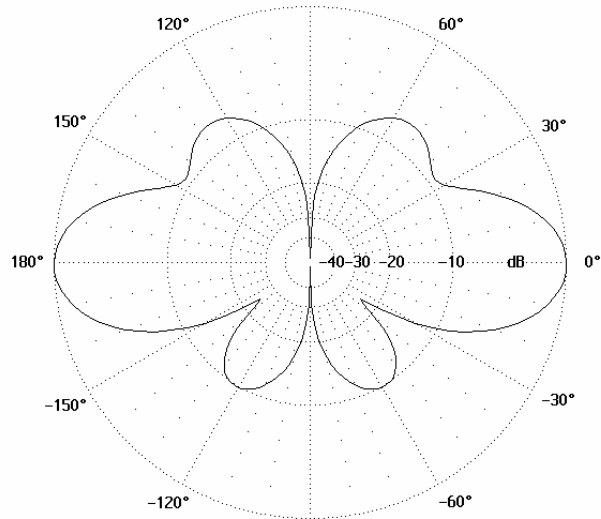
### Mechanical specifications:

Design	Collinear $5/8 \lambda$ wave phased brass elements. Radiating element completely enclosed in polyurethane foam within a fiberglass tube. Special precautions are taken to reduce cable currents. Aluminum base
Height	9ft. 2.7 mtr.
Weight	2.5 kg
Wind rating	55 m/s = 125 mph
Finish	Polyurethane lacquer, white
Temperature range	-55 °C, +71 °C; -67 °F, +160°F

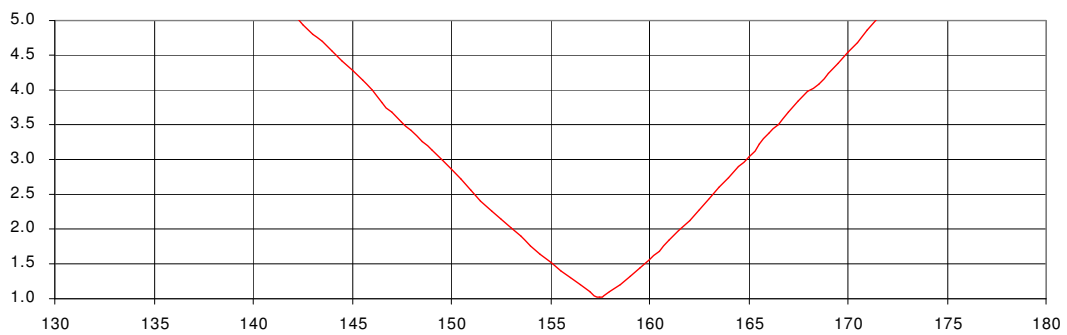
### Mounting:

AV62M9 is easily mounted to the bulkhead by means of 4 holes in the aluminum bracket, or to a mast or tube with U-bolts. The U-bolts in stainless steel, are included. The mast diameter must be within 30-60mm.

Suitable cable: RG58, RG213 or similar



Vertical radiation diagram  
 $f= 156.8\text{MHz}$



Standing wave ratio

Aluminum bracket

