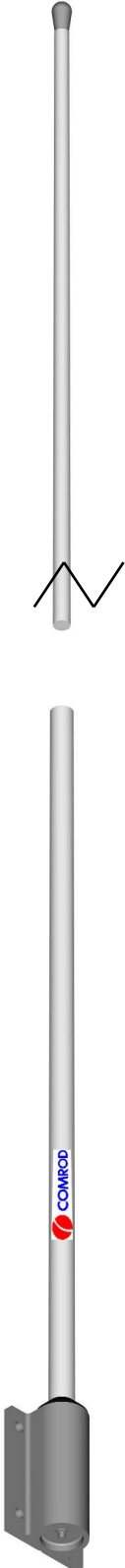


AV62M9

VHF, 4 dBi, one piece whip, end feed, mast mount, 2.7 m, 153-162 MHz
Commercial and Marine Antennas



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 Ω
Power Rating	100 W
Gain	4 dBi *
Pattern	Horizontal plane: Omnidirectional Vertical plane: See reverse side
Polarisation	Vertical
Connector	UHF female
DC Gounded	Yes

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

Mechanical Specifications

Design	Collinear $5/8 \lambda$ wave phased brass elements. Radiating element completely enclosed in polyurethane foam within a fibreglass tube. Special precautions are taken to reduce cable currents. Aluminium base
Height	2.7 m
Weight	2.5 kg
Wind Rating	55 m/s = 201 kph
Finish	Polyurethane lacquer, white
Temperature Range	- 55°C to + 71°C

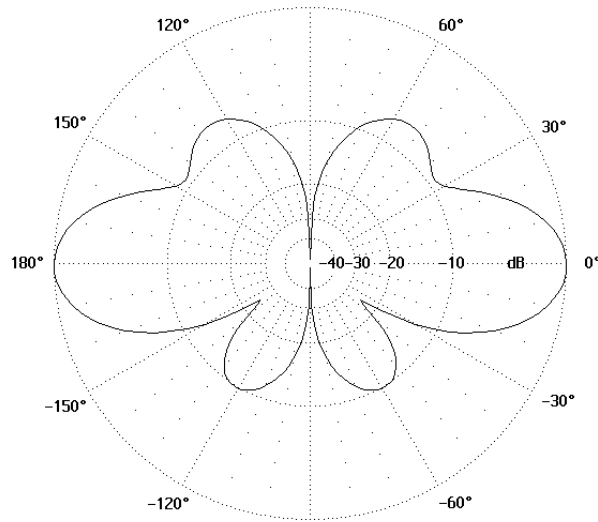
Mounting

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

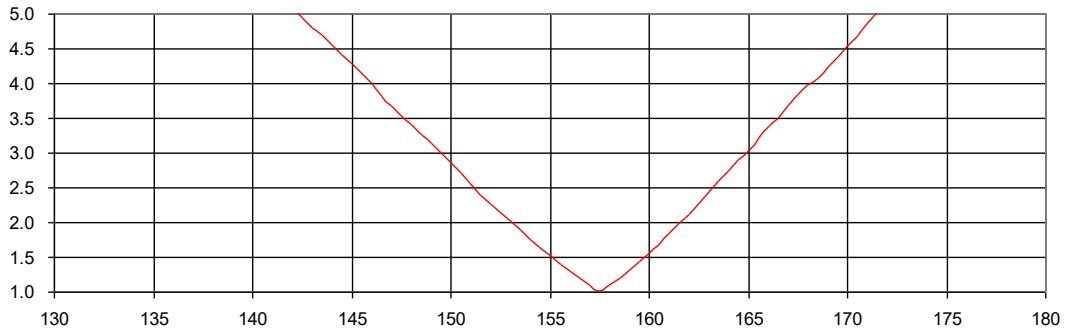
Suitable cable: RG58, RG213 or similar

Vertical Radiation Diagram

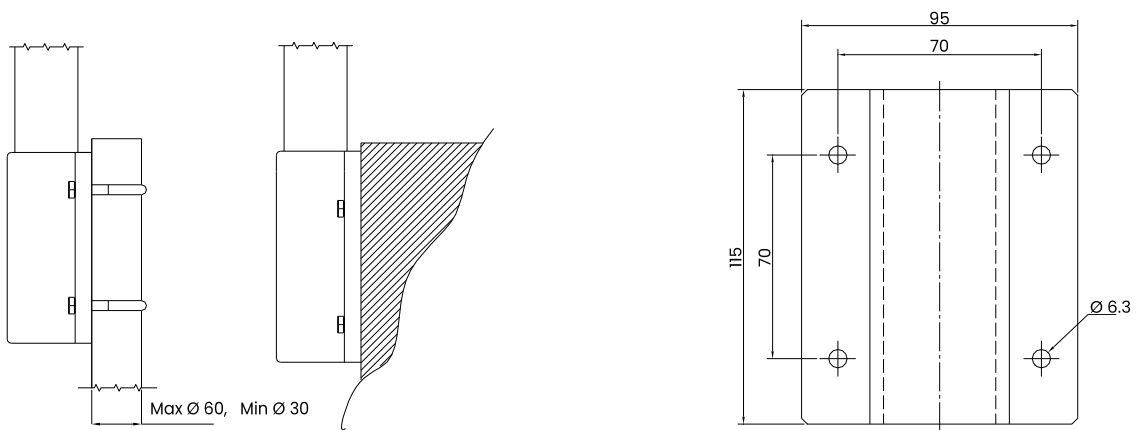
f= 156.8 MHz



Standing Wave Ratio



Aluminium Bracket



September 2018

All specifications are subject to change without notice
The information contained herein is for reference only and does not constitute a warranty of performance

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