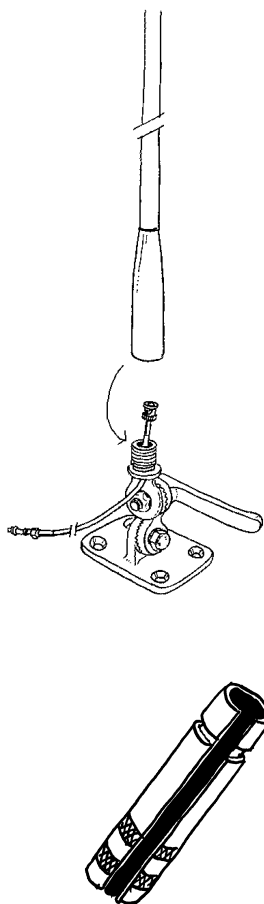


COMROD AV60-BI

8' Marine VHF Antenna



Application:

The AV60-BI is a high quality gain antenna designed for the maritime VHF radio telephone service. It is designed for use on pleasure craft, but the high quality means it may be installed on all kinds of vessels.

It comes with integrated BNC coaxial contact.

Electrical specifications:

Frequency range	156-159 MHz, VSWR < 1.5 : 1
Nominal impedance	50 ohm
Power rating	100 W
Gain	6 dB
Pattern	Horizontal plane: Omnidirectional Vertical plane: See reverse side
Polarisation	Vertical
Connector	BNC female.
DC-grounded	Yes

Mechanical specifications:

Design	Collinear $5/8 \lambda$ wave phased brass elements. Radiating element completely enclosed in polyurethane foam within a fibreglass tube.
Height	8' (2,45 m.)
Weight	1.1 kg
Wind rating	55 m/s = 125 mph
Finish	Polyurethane lacquer, white
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F

Mounting:

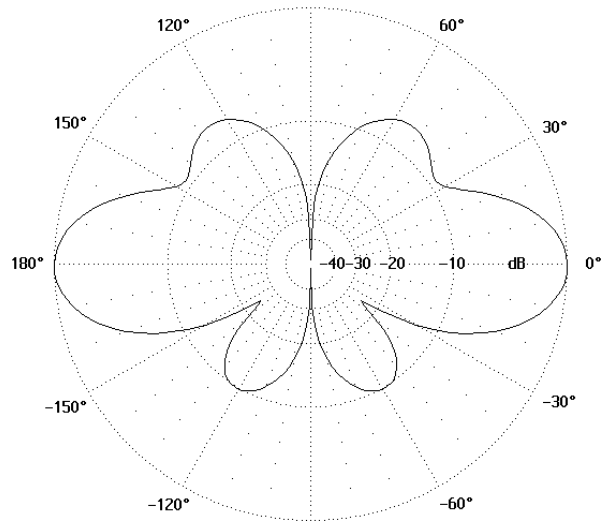
The AV60-BI is fitted with UNS1"x14 female ferrules. Can be used with all standard mounting accessories.

Integrated BNC female coaxial connector.

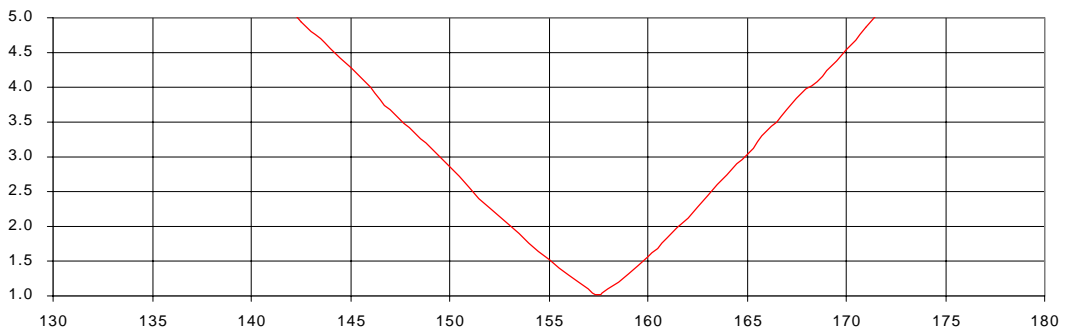
All BI versions come with a tool to mount the BNC male coaxial connector inside the stainless steel ferrule.

4-way bracket and coaxial cable not included

UNS: Unifield Special



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

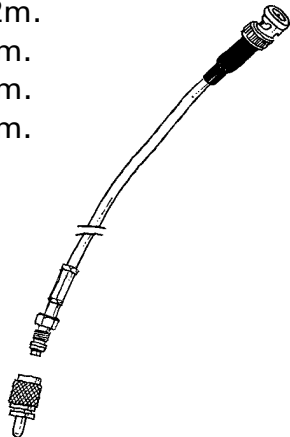


Standing wave ratio

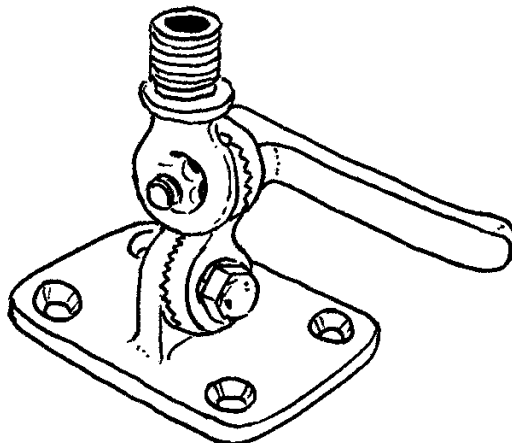
Accessories: (optional extra)

RG58 Cable.

Available in:
 40ft 12m.
 23ft 7m.
 16ft 5m.
 2ft 0,6m.



4 way bracket.



Extension
 Masts.

