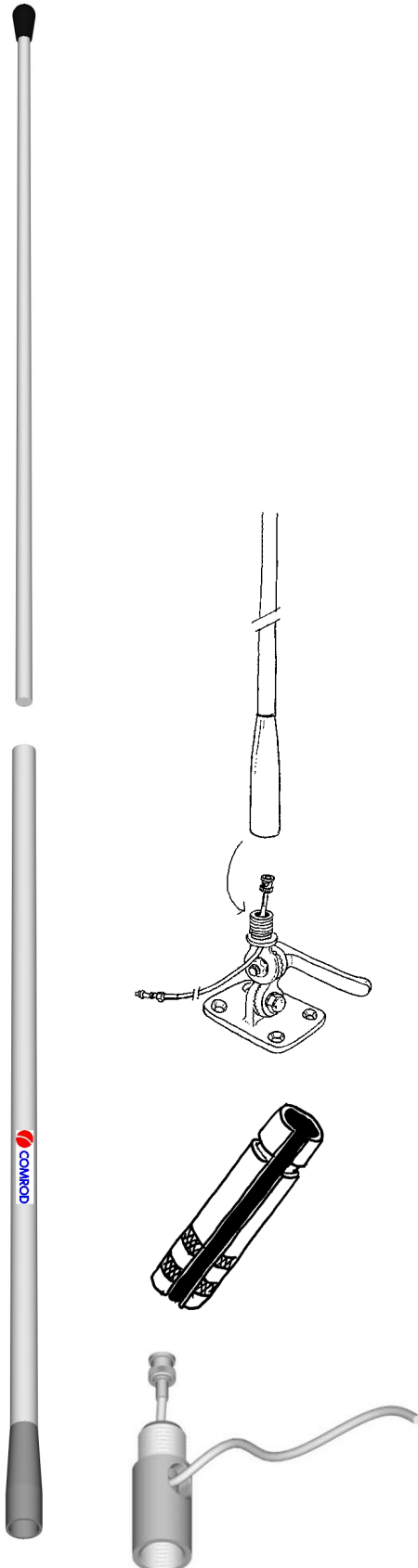


## AV60B18

VHF, 6 dB, one piece whip, dipole, end feed, BI thread mount, 2.45 m, 156–162 MHz

### Commercial and Marine Antennas



### Application

The AV60B18 is a high quality gain antenna designed for the maritime VHF radio telephone service. It is a high quality antenna with a durable construction and a beautiful finish for installation on all kinds of vessels. It comes with integrated BNC coaxial contact.

### Electrical Specifications

<b>Frequency Range</b>	156–159 MHz, VSWR < 1.5 : 1 159–162 MHz, VSWR < 2.5 : 1
<b>Nominal Impedance</b>	50 Ω
<b>Power Rating</b>	100 W
<b>Gain</b>	6 dB
<b>Pattern</b>	Horizontal plane: Omnidirectional Vertical plane: See reverse side
<b>Polarisation</b>	Vertical
<b>Connector</b>	BNC female
<b>DC Grounded</b>	Yes

### Mechanical Specifications

<b>Design</b>	Collinear $5/8 \lambda$ wave phased brass elements. Radiating element completely enclosed in polyurethane foam within a fiberglass tube.
<b>Height</b>	2.45 m
<b>Weight</b>	1.1 kg
<b>Wind Rating</b>	55 m/s = 201 km/h
<b>Finish</b>	Polyurethane lacquer, white
<b>Temperature Range</b>	- 55°C to + 71°C

### Mounting

The AV60B18 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.

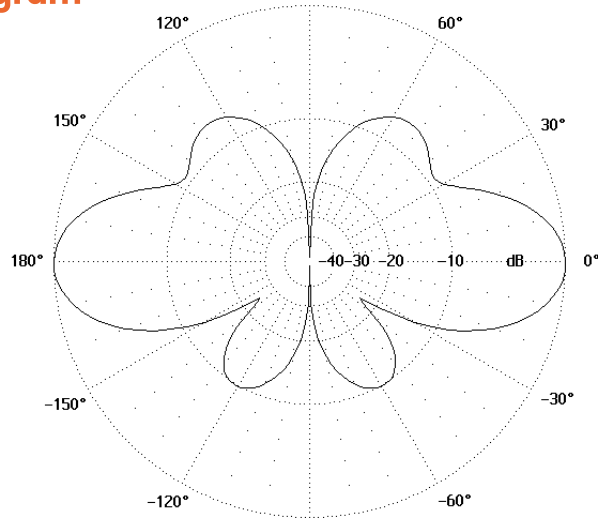
AV-C adaptor: To be able to make all 4ft. and 8ft. – BI version antennas – to a side feed cable version (to compensate for all C-version) – AV-C adaptor is required .

4-way bracket and coaxial cable not included

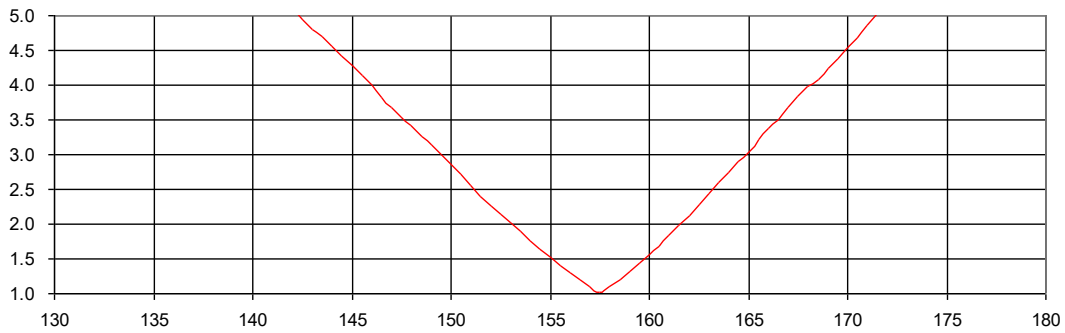
UNS: Unifield Special

## Vertical Radiation Diagram

f= 156.8 MHz



## Standing Wave Ratio

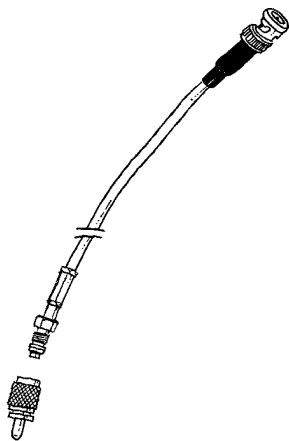


## Accessories: (optional extra)

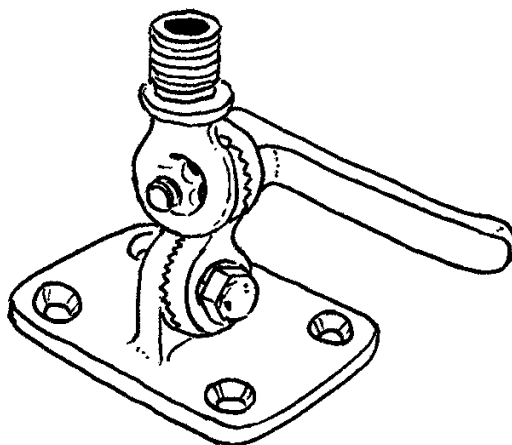
RG58 Cable

Available in:

- 12 m
- 7 m
- 5 m
- 0.6 m



4 way bracket



Extension Masts



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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sales@eylex.com.au  
www.eylex.com.au

