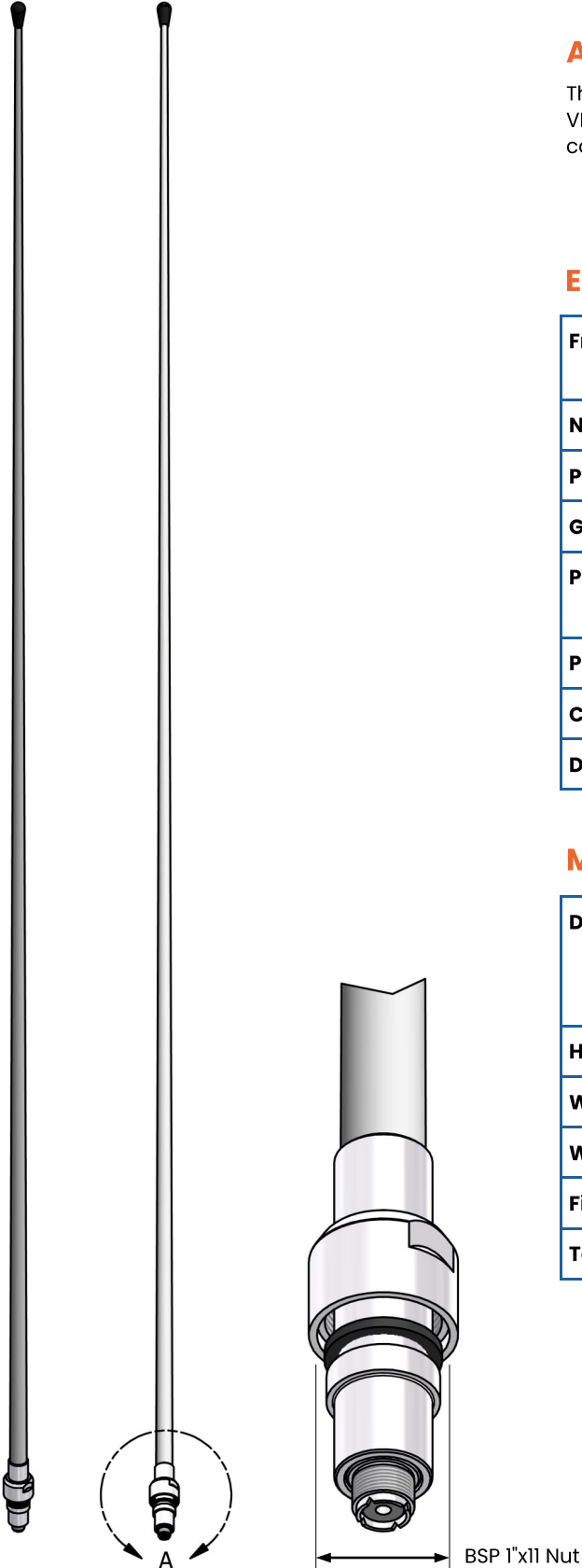


## AV60P8

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

### Commercial and Marine Antennas



### Application

The AV60P8 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.

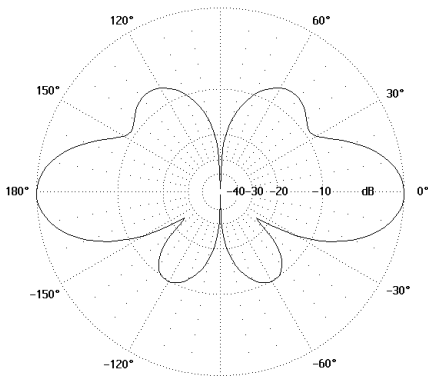
### Electrical Specifications

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

### Mechanical Specifications

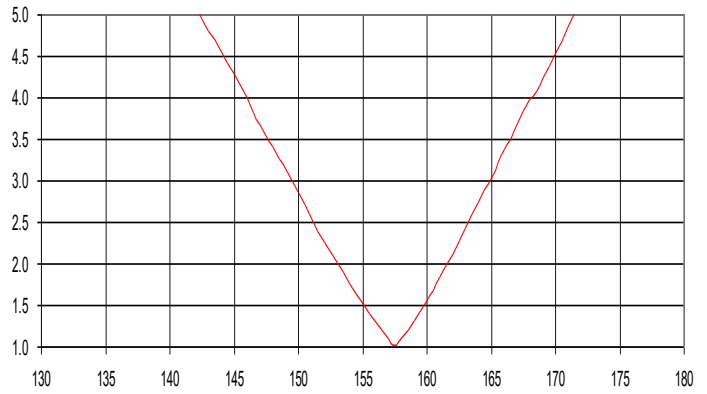
<b>Design</b>	Collinear $5/8 \lambda$ wave phased brass elements. Radiating element completely enclosed in polyurethane foam within a fiberglass tube.
<b>Height</b>	2.45 m
<b>Weight</b>	1.1 kg
<b>Wind Rating</b>	55 m/s = 201 kph
<b>Finish</b>	Polyurethane lacquer, white
<b>Temperature Range</b>	- 55°C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

## Plots



### Vertical Radiation Diagram

f = 156.8 MHz

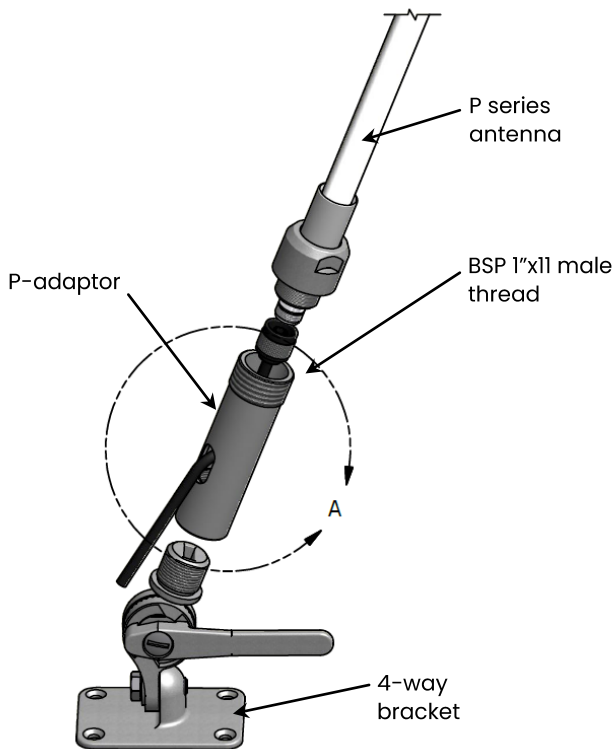


### Standing Wave Ratio

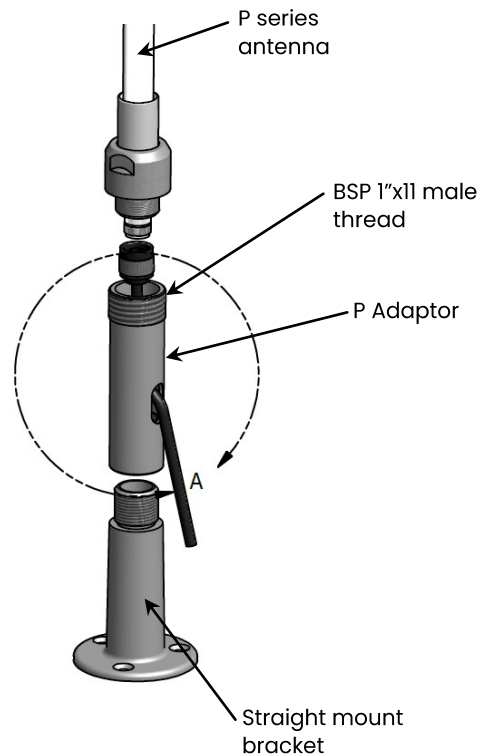
## Optional Accessories

The AV60P8 is fitted with a standard BSP 1"x11 Nut and can be used with all standard mounting accessories. To use the AV60P8 with the brackets below, a P-adaptor is required.

### 4-Way Bracket



### Straight Mount 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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