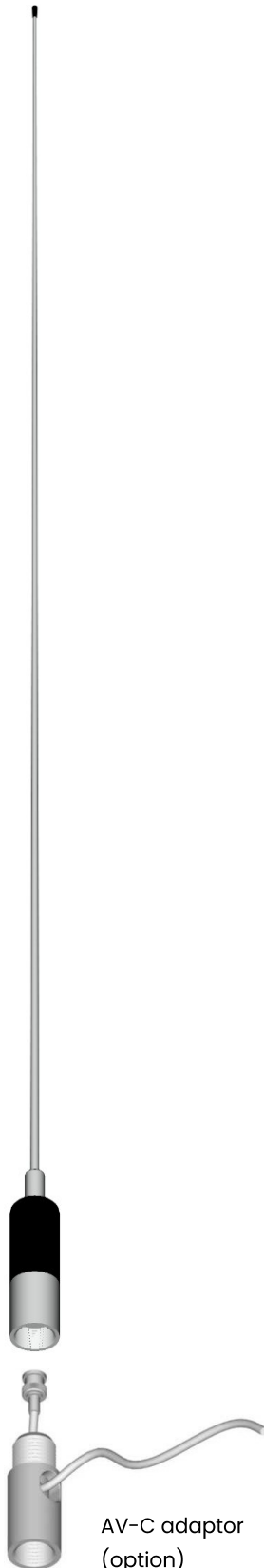


## AV53BIS3

VHF, one piece steel whip, dipole, end fed, thread mount,  
1 m, 156–162 MHz

### Commercial and Marine Antennas



AV-C adaptor  
(option)

### Application

The AV53BIS3 is an end fed dipole antenna. It is designed for use on-board sailboats.

### Electrical Specifications

<b>Frequency Range</b>	156–162 MHz, VSWR < 2 : 1
<b>Nominal Impedance</b>	50 Ω
<b>Power Rating</b>	50 W
<b>Gain</b>	3 dB
<b>Pattern</b>	Horizontal plane: Omnidirectional Vertical plane: As a standard dipole
<b>Polarisation</b>	Vertical
<b>Connector</b>	BNC female
<b>DC Grounded</b>	Yes

### Mechanical Specifications

<b>Design</b>	End fed dipole. The whip is made from stainless steel, and the base is made from chromated brass. The insulator is made from UV resistant POM.
<b>Height</b>	1 m
<b>Weight</b>	0.2 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

### Mounting

The AV53BIS3 is fitted with UNS 1" x 14 female thread.

It can be used with all standard mounting accessories.

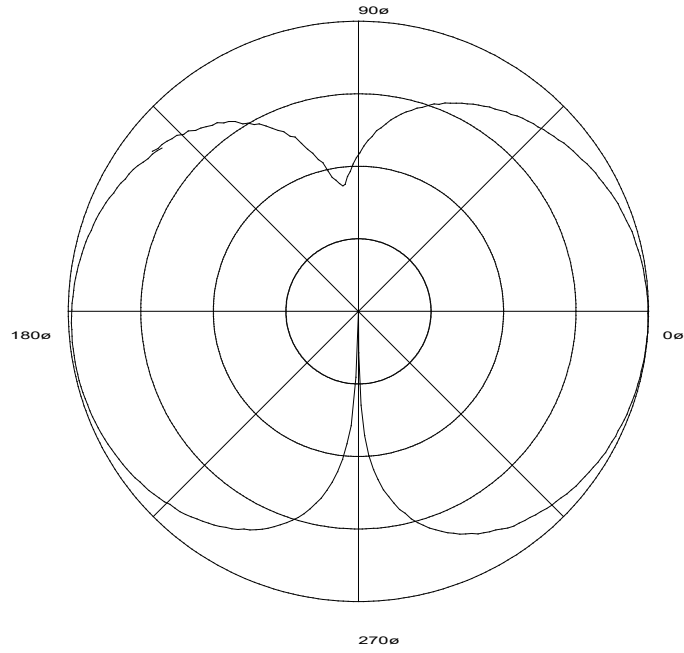
Integrated BNC female coaxial connector.

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

Brackets and coax cable are not included.

AV-C adaptor: To convert 4ft and 8ft – BI version antennas to a side feed cable version (to compensate for all C-version), an optional AV-C adaptor is required.

# Radiation Diagram



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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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