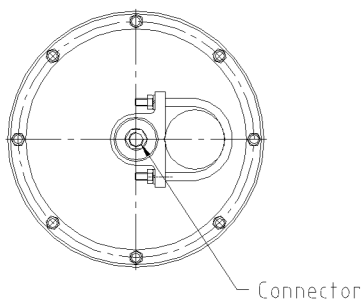
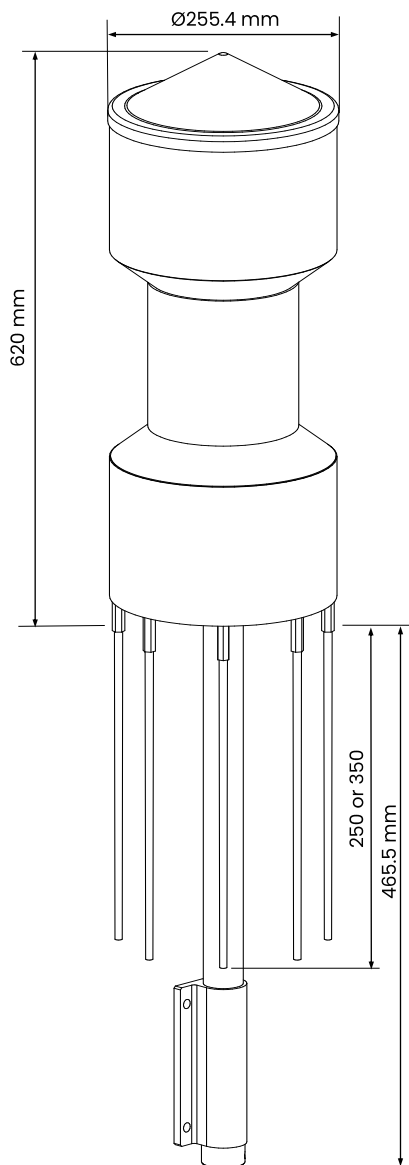


## AC10

1.06 m, VHF, UHF, 2 dBi, broadband antenna, dipole, end feed, mast mount, 115-1500 MHz

### Naval Antennas and Systems: Shipboard



Bottom view

## Application

The AC10 is a broadband antenna for a very large frequency range in the VHF and UHF bands. Based on your requirements, it can be delivered with or without the lower whips that extends the bottom frequency limit. The construction is very rugged, and the antenna is well suited for use on ships, and in other harsh environments.

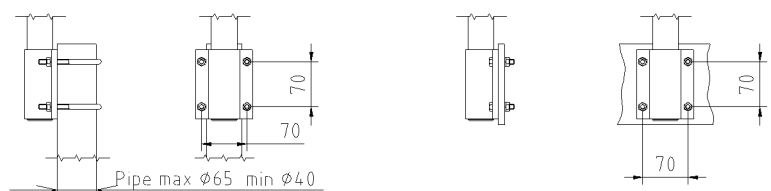
## Electrical Specifications

<b>Frequency Range</b>	100-1500 MHz, with 350 mm lower whips 115-1500 MHz, with 250 mm lower whips 160-1500 MHz, without lower whips
<b>Impedance</b>	50 W
<b>Power Rating</b>	500 W < 400 MHz, 250 W >400 MHz
<b>Radiation Pattern</b>	Horizontal plane: Omnidirectional
<b>Gain</b>	2 dBi typical
<b>Polarisation</b>	Vertical
<b>VSWR</b>	≤ 2:1
<b>Connector</b>	N-female, others on request

## Mechanical Specifications

<b>Design</b>	Broadband coaxial dipole. Made from aluminium and fibreglass
<b>Length</b>	106 cm with base
<b>Weight</b>	5 kg
<b>Wind Rating</b>	55 m/s
<b>Moment of Flexure</b>	200 Nm at 55 m/s
<b>Finish</b>	Polyurethane lacquer, white. Other colours on request.
<b>Temperature Range</b>	- 55°C to + 71°C

## Mounting



Must withstand moment of flexure (see mechanical specifications)  
Use bolts and nuts M10

September 2019

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

Partnered Supplier



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