

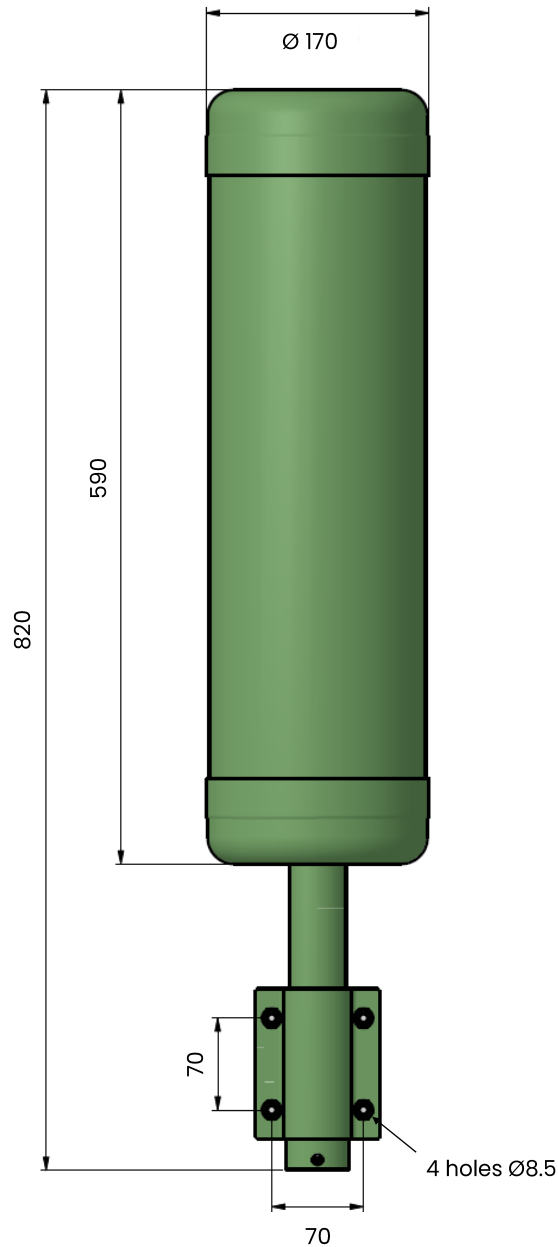
## AC13

0.8 m, VHF, UHF, 2 dBi, broadband antenna, dipole, end feed, mast mount, 185–2000 MHz

### Commercial and Marine Antennas



NSN: 5985-25-146-8624



### Application

The AC13 is a broad band antenna covering a large frequency range in the VHF and UHF bands, optimised for use over the 220–405 MHz UHF band. The antenna is fully ruggedised and is well suited for use on ships and in other harsh environments.

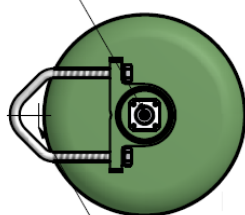
### Electrical Specifications

<b>Frequency Range</b>	185–2000 MHz
<b>Impedance</b>	50 W
<b>Power Rating</b>	400 W PEP
<b>Radiation Pattern</b>	Horizontal plane: Omnidirectional
<b>Gain</b>	2 dBi typical
<b>Polarisation</b>	Vertical
<b>VSWR</b>	$\leq 2/1$ , 220 – 405 MHz $\leq 2.8/1$ , 185 – 2000 MHz
<b>Connector</b>	N-female, others on request

### Mechanical Specifications

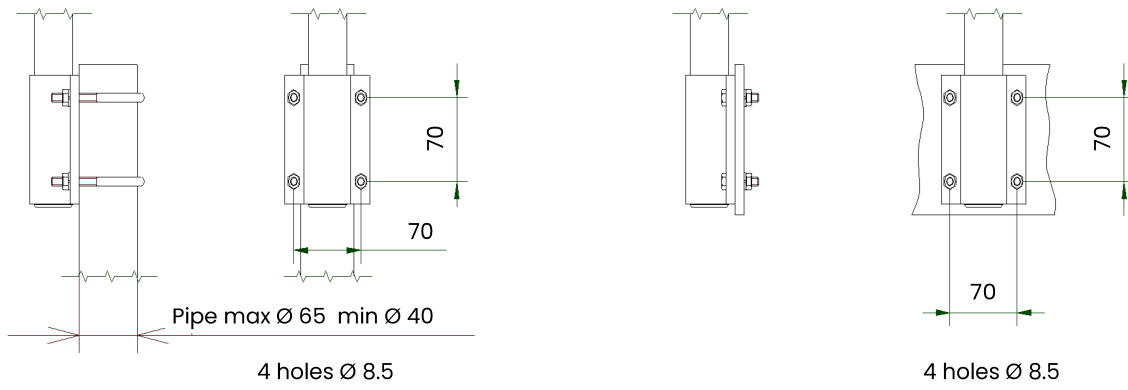
<b>Design</b>	Broadband coaxial dipole. Made from aluminium and fibreglass.
<b>Length</b>	820 mm with base
<b>Weight</b>	2.5 kg
<b>Wind Rating</b>	55 m/s
<b>Moment of Flexure</b>	120 Nm at 55m/s
<b>Finish</b>	Polyurethane lacquer, green Other colours on request.
<b>Temperature Range</b>	- 55°C to + 71°C

Connector  
N-female



Pipe max  $\varnothing 65$  min  $\varnothing 40$

## Mounting



February 2021

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



[sales@eylex.com.au](mailto:sales@eylex.com.au)  
[www.eylex.com.au](http://www.eylex.com.au)

