

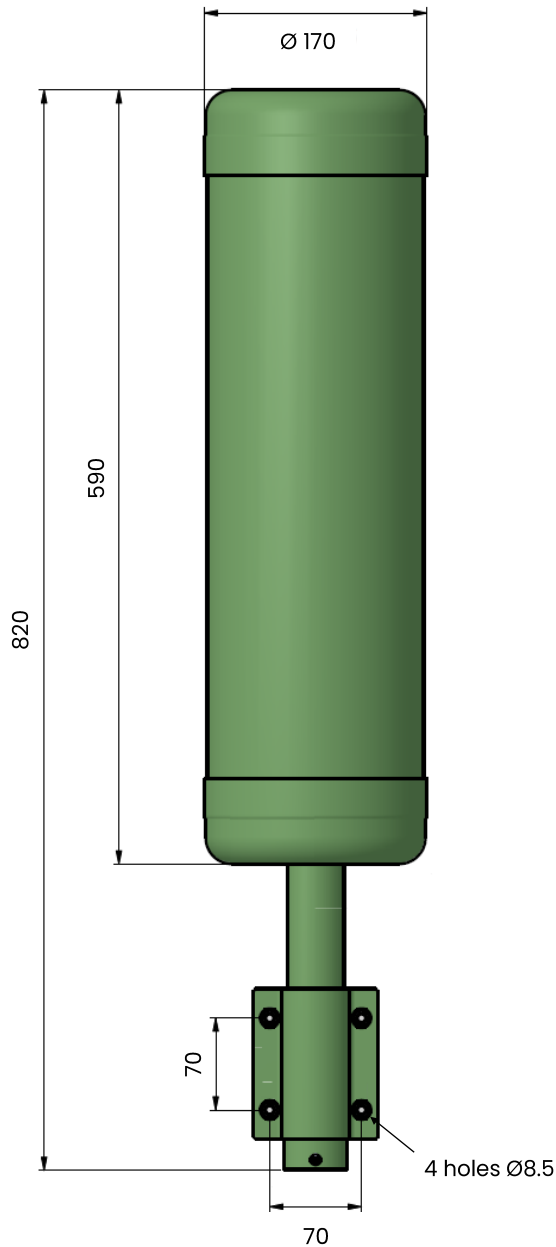
AC13

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

Naval Antennas and Systems: Shipboard



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.

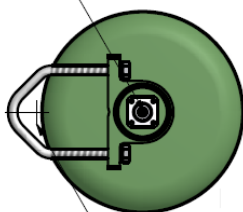
Electrical Specifications

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

Mechanical Specifications

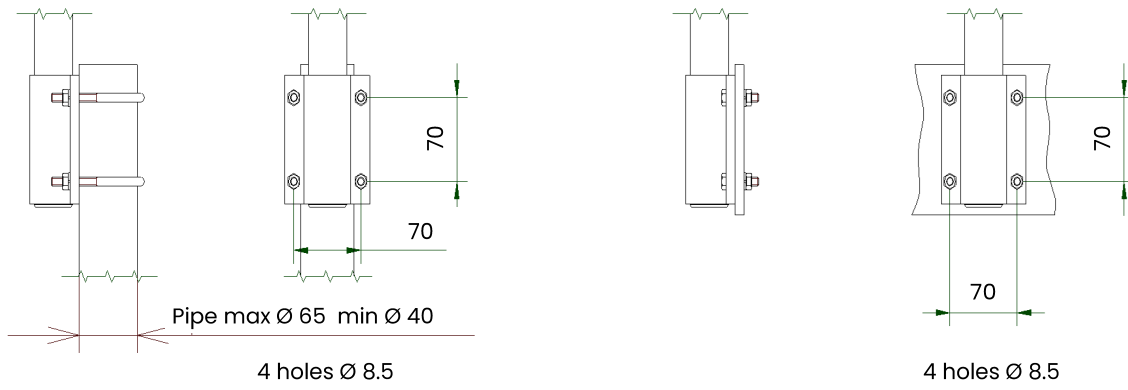
Design	Broadband coaxial dipole. Made from aluminium and fibreglass.
Length	820 mm with base
Weight	2.5 kg
Wind Rating	55 m/s
Moment of Flexure	120 Nm at 55m/s
Finish	Polyurethane lacquer, green Other colours on request.
Temperature Range	- 55°C to + 71°C

Connector
N-female



Pipe max Ø65 min Ø40

Mounting



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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

Partnered Supplier



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