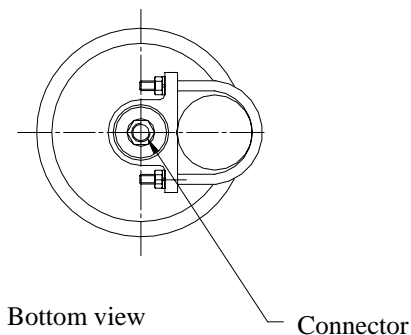
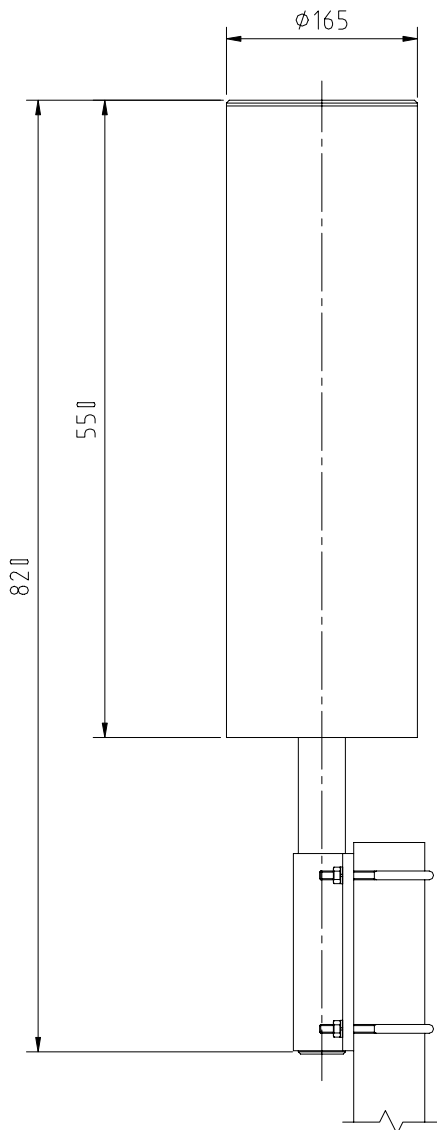


# COMROD AC13

## VHF/UHF Broadband antenna



### Application:

The AC13 is a broad band antenna for a very large frequency range in the VHF and UHF bands. It is primarily designed for use in the 220-405MHz military UHF band, but is also an excellent choice for other applications. The construction is very rugged, and the antenna is well suited for use on ships, and in other harsh environments.

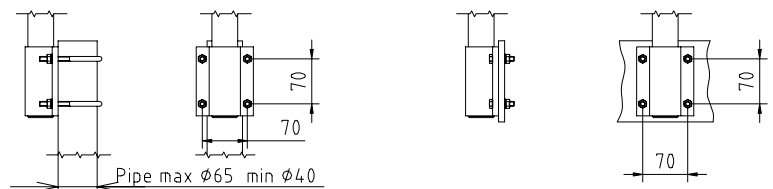
### Electrical specifications:

Frequency range	185-2000 MHz
Impedance	50 $\Omega$
Power rating	400 W PEP
Radiation pattern	Horizontal plane: Omnidirectional
Gain	2dBi typ.
Polarization	Vertical
VSWR	$\leq 2/1$ , 220 - 405 MHz $\leq 2.8/1$ , 185 - 2000 MHz
Connector	N-female, or other 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, white. Other colours on request.
Temperature range	-55 $^{\circ}$ C, +71 $^{\circ}$ C; -67 $^{\circ}$ F, +160 $^{\circ}$ F

### Mounting:



Must withstand moment of flexure (see mechanical specifications) Use bolts and nuts M6.

Nato codification complete antenna	5985-25-146-8624
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