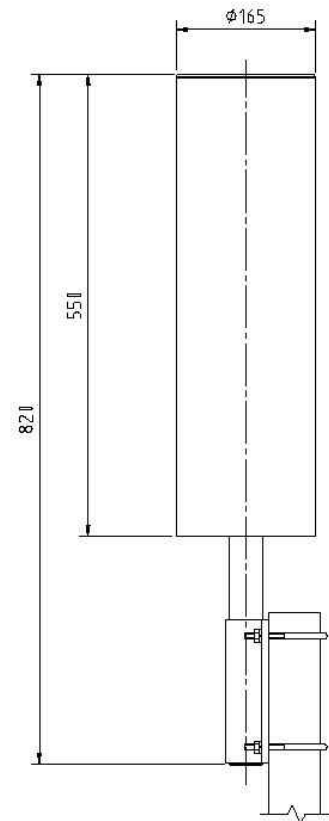


## Broadband VHF/UHF Shipboard Antenna 185-2000 MHz

### Type AC13

Racal Antennas Limited has many years of experience in design, development and manufacture of shipboard/marine antennas for the military user. They have been developed after consultation with military users and radio manufacturers worldwide.

The AC13 is a broadband 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. The antenna is also suitable for vehicle installation on a base support with spring assembly c/w stabilising guys when the vehicle is mobile.



<b>Electrical Specification</b>	
<b>Frequency range</b>	185-2000 MHz,
<b>Impedance</b>	50 Ω
<b>Power Rating</b>	50 W
<b>Radiation Pattern</b>	Omnidirectional
<b>Gain</b>	2dBi
<b>Polarisation</b>	Vertical
<b>VSWR</b>	≤ 2:1 .....220-405MHz ≤ 2.8:1 ...185-2000MHz
<b>Connector</b>	N Type Female
<b>Mechanical Specification</b>	
<b>Design</b>	Broadband coaxial dipole. Made from aluminium and fibreglass
<b>Length</b>	820mm with base
<b>Weight</b>	2.5 kg
<b>Wind rating</b>	55 m/s
<b>Moment of flexure</b>	120 Nm at 55 m/s
<b>Finish</b>	Polyurethane lacquer, white. Other colours on request.

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Racal reserve the right to vary in detail from the description and specification in this publication.