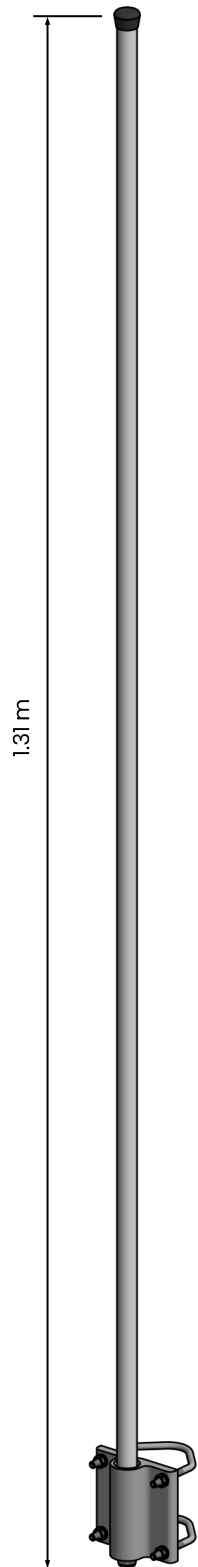


## VHF118144M

1.3m, VHF, 2dBi, Ground to Air, dipole, end feed, mast mount,  
118-144 MHz

**Commercial and Marine**



### Application

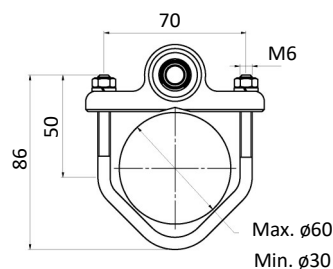
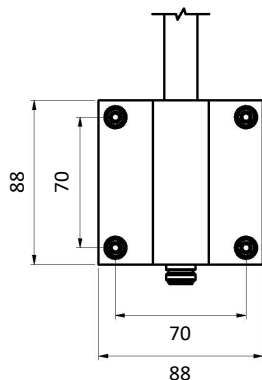
The VHF118144M is a centre fed coaxial half-wave dipole for the aeronautical communication band 118-144 MHz. The dipole element is embedded in polyurethane foam and enclosed in a fibreglass reinforced tube. The upper and lower dipole elements are DC grounded.

### Electrical Specifications

<b>Frequency Range</b>	118-144 MHz
<b>Nominal Impedance</b>	50 ohm
<b>Power Rating</b>	100 W
<b>Gain</b>	2 dBi
<b>Pattern</b>	Omnidirectional
<b>Polarisation</b>	Vertical
<b>Connector</b>	N-female
<b>VSWR</b>	< 2

### Mechanical Specifications

<b>Design</b>	Centre fed coaxial dipole. Radiating elements completely enclosed in polyurethane foam within a fibreglass tube. Mounting bracket in aluminium.
<b>Height</b>	1.31 m
<b>Weight</b>	1.1 kg
<b>Wind Rating</b>	55 m/s = 201 kph
<b>Finish</b>	Polyurethane lacquer, white
<b>Temperature Range</b>	- 55°C to + 55°C
<b>Water Proofing</b>	IP67



VHF118144M can be directly mounted to a bulkhead using the 4 x 7mm holes in the aluminium bracket, or to a mast or tube with the supplied stainless steel U-bolts. The mast or tube may be horizontal or vertical.

Suitable cable: RG58, RG213 or similar.

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  
www.eylex.com.au