

## HF Vehicle Whip Antenna 1.6-30 MHz

Type 120-99

Racal Antennas strategic marketing alliance with The Shakespeare Company has enabled a broader portfolio of products to be offered to the market.

The HF 5m vehicle whip antenna is suitable for use over the 1.6-30MHz range. The antenna can be used at its full height of 5 metres (4 sections) or reduced height using fewer whip sections for mobile use. The kit also has a tie-down facility which will produce an element of skywave propagation. The antenna base is 3/6 NATO standard.

<b>Electrical Specification</b>	
<b>Frequency range</b>	1.6-30 MHz with tuner (not supplied).
<b>Power rating</b>	160W
<b>Pattern</b>	Omni-directional
<b>Polarisation</b>	Vertical
<b>Connections</b>	Nut, gland and washer to suit P11 cable
<b>Input Impedance</b>	Dependent on frequency – Available on request for guidance
<b>Interface Specification</b>	Standard - 3 or 6 hole NATO Optional - 4 hole USA pattern
<b>Mechanical Specification</b>	
<b>Design</b>	The antenna is a four-piece tapered glass-fibre construction, using high quality plated brass fittings, mounted on a high-pressure moulded composite base
<b>Height</b>	4.8m
<b>Weight</b>	2.9kg
<b>Sections</b>	Antenna sections: 0.825kg Antenna base and tie down kit: 2.095kg
<b>Finish</b>	The antenna base is a robust High-pressure Moulded Composite (HMC) moulding. The elements are finished in Infra-Red Reflective paint, NATO green
<b>Environmental Specification</b>	This product has been designed to meet the Military environmental conditions of DEF STAN 00-35



### RACAL ANTENNAS

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