

HF Vehicle Whip Antenna 1.6-30 MHz

Type 4010-900-01

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 4.8m (4 sections) or reduced height using fewer whip sections for mobile use. The kit also has a 'ie-down facility which will produce an element of skywave propagation. The antenna base is 3/6 NATO standard with a 111mm pcd.

Equipment	Qty	Part number
HF Vehicle Antenna Base	1	4010-104-01
HF Vehicle Upper Whip Section	1	4010-107-01
HF Vehicle Lower Whip Section	1	4010-108-01
HF Vehicle Middle Whip Sections	2	4010-109-01
Tie Down Kit	1	4010-102-01

Electrical Specification	The specifications in this section apply when the antenna is wing mounted on a Land Rover ¾ Ton Defender Series
Frequency range	1.6-30 MHz (tuneable with suitable ATU – not supplied).
Power rating	160W
Pattern	Omni-directional
Polarisation	Vertical
Connections	Nut, gland and washer to suit P11 cable
Input Impedance	Dependent on frequency – Available on request for guidance
Interface Specification	3 or 6 hole NATO (4 hole USA pattern optional)
Mechanical Specification	
Design	The antenna is a four-piece glass-fibre construction, using high quality stainless steel fittings, mounted on a high-pressure moulded composite base
Height	4.8m
Weight	2.9kg
Sections	Antenna sections: 0.825kg Antenna base and tie down kit: 2.095kg
Finish	The antenna base is a robust High-pressure Moulded Composite (HMC) moulding. The elements are finished in Infra-Red Reflective paint, NATO green
Optional	None
Environmental Specification	This product has been fully tested to meet Military environmental conditions of DEF STAN 00-35



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