

VHF Vehicle Whip Antenna 30-88 MHz

Type 4000-900-01

The VHF vehicle mounted antenna is end-fed in design covering the frequency band 30-88MHz and is suitable for all platforms that present a ground plane. The overall length of the antenna is 2.6m thereby presenting a more covert profile than a centre-fed dipole. The antenna can be supplied with a 3/6 hole NATO or 4 hole US pattern base which must be specified at the time of ordering. It can be used with the upper whip section only for use by forward reconnaissance units. When using one section reduced performance can be expected.

Equipment	Qty	Part Number
Upper Element	1	4000-107-01
Lower Element	1	4000-108-01
Vehicle Mount Base Assembly	1	4000-104-01

Electrical Specification	The specifications in this section apply when the antenna is wing mounted on a Land Rover ¾ ton Defender series
Frequency Range	30 - 88 MHz
Power Rating	100W (CW)
Connection	BNC female
Input Impedance	50 Ω
VSWR	Full length antenna ≤ 3.5:1
Pattern	Omnidirectional
Polarisation	Linear vertical
Mechanical Specification	
Design	The antenna is a two-piece glass-fibre construction, using high quality stainless steel fittings, mounted on a high-pressure moulded composite base
Height	2.6m
Weight	2.71kg overall
Sections	Base: 2.18kg Upper Section: 0.2kg Lower Section: 0.33kg
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	Mast Elevation Kit 4040-900-01
Environmental Specification	This product has been fully tested to meet Military environmental conditions of DEF STAN 00-35



Optional Mast Elevation Kit
4040-900-01

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