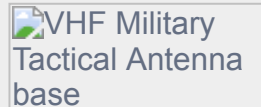


VHF Broadband 30-88MHz Military Mobile Whip Antenna

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Supplies of the equipment stopped

The AT VHF M-1 mobile whip antenna covers the complete range of 30-88MHz without an Antenna Tuning Unit. It is suitable for mounting on any horizontal, flat surface. It can be supplied with any hole pattern base. The shock mount enables the whip to be flexed to 90° from the vertical with no damage caused to the base unit and whip antenna. It is extremely rugged, and meets MIL-STD 810 and Australian Defence Standard DEF-STAN 00-35. It meets all electrical and mechanical requirements in Australian Defence Standard DEF(AUST)10000/Issue 1

VHF Military Tactical Antenna base

Specifications

Electrical		
Frequency range	30—88MHz, continuous	
Power rating	100W Average at +70C	
Nominal Impedance	50 Ohm	
Radiation Pattern	Omni directional	
Polarisation	Vertical	
High voltage whip contact protection	11 kVAC	
Mechanical		
Height	3m	
Base hole pattern	Any NATO pattern, or user-defined	
Installation kit supplied	Gasket, socket-headed set-screws, nuts and washers	
Input connector	BNC	
Environmental	Ambient temperatures	-21 to +70C; DEF-STAN 00-34, test CL1 and test CL4

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	Relative humidity	98%; DEF-STAN 00-35
	Altitude	3,00m ASL; DEF-STAN 00-35
	Immersion	1.5m; DEF-STAN 00-35
	Driving Dust	DEF-STAN 00-35
	Corrosion/Salt	DEF-STAN 00-35
	Contamination	DEF-STAN 00-35
	Drop	DEF-STAN 00-35
	Vibration	DEF-STAN 00-35
Packed dimensions and weight	3m carbon fibre whips	170mm H x 170mm W x 1,430mm L, 4.8kg
Weight	3m carbon fibre whips	3.8kg (Base, shockmount, 2 elements and gasket)
Colour		Customer-specified

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