



3m HF Mobile Whip Antenna 4010

AT A GLANCE

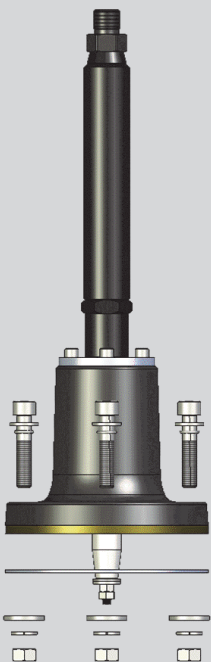
Extremely robust

Built to comply with MIL-STD 810 and Australian DEF-STAN 00-35

Flexible configurations:
Whips
Springs/shock mounts
Base hole patterns

Matching fast, reliable ATUs available

High voltage whip contact protection



**Exploded base
view shown**



This Lencom HF whip is designed to be used with an Automatic Antenna Tuning Unit (ATU), such as the Lencom 4001 and 4002 ATUs.

It is suitable for mounting on any horizontal, flat surface.

It can be supplied with any hole pattern base.

It is extremely rugged, and meets MIL-STD 810 and Australian Defence Standard DEF-STAN 00-35.

The shock mount variant (shown) can be flexed to 90° from the vertical with no damage caused to the base unit and whip antenna.

The standard version is 3 metres high, and designed for mobile operation. Extra 1.34m elements are available as an option so that it can be transformed into whips of 4.34m, 5.68m or 7.02m for stationary use.

A guying kit is supplied for all configurations longer than 3m.





2.4m and 3m HF Mobile Whip Antennas 4010

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Specifications

Electrical

Frequency range	ATU-dependant
Power rating	1kW PEP
Nominal Impedance	Untuned (tuner required)
Radiation Pattern	Omni directional
Polarisation	Vertical
High voltage whip contact protection	11 kVAC

Mechanical

Height	3m or 4.34m	
Base hole pattern	Any NATO base, or user-defined	
Installation kit supplied	Gasket, socket-headed set-screws, nuts, washers and 500mm ATU connection lead	
Input connector	Insulated High Voltage stud	
Environmental	Ambient temperatures	-21 to +70C; DEF-STAN 00-34, test CL1 and test CL4
	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, spring, 2 elements and gasket)
Colour	Customer-specified	

Ordering Details

3m whip, shockmount, carbon-fibre elements	02-4010-001
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Exploded base

view shown

Specifications subject to change without notice

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ISO 9001:2000