



# 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:  
Base hole patterns  
NVIS

Matching fast, reliable  
ATUs available

High voltage whip con-  
tact 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 4002 and 4006 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 antenna can be flexed to 90° from the vertical with no damage caused to the base unit and whip antenna.

A tie-down kit is supplied for Near Vertical Incidence Skywave (NVIS) operation.

In addition, an extension kit is available to take the total whip length to 6.9m, increasing antenna efficiency at the lower frequencies.

The extension kit is for stationary use only.

[Click here](#) to download the extension kit Web data sheet.

The optional 9m long wire antenna kit improves efficiency of the antenna if fitted in lieu of the standard whip, when stationary.





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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
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	170mm H x 170mm W x 1,430mm L, 4.8kg
Weight	3.8kg (Base, shock mount, 2 elements and gasket)
Colour	Olive drab or black



Exploded base

view shown

## Ordering Details

3m whip complete, including tie-down kit	02-4010-001
Extension kit	01-1009-001
4002 and 4006 Automatic ATUs	Contact Lencom Antennas
9m long wire antenna kit	02-2181-001

Specifications subject to change without notice

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