



# 02-2137 3m Broadband 30-88MHz Mobile Whip Antenna

## AT A GLANCE

**30-88MHz broadband**

**No ATU required**

**Extremely robust**

**Built to comply with MIL-STD 810 and Australian Defence Standard DEF (AUST)10000 / Issue 1**

**Flexible configurations: Base hole patterns, colours**

**High voltage whip contact protection**



**Exploded base  
view shown**



The Lencom 2137 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





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## Specifications

### Electrical

Frequency range	30–88MHz, continuous
Power rating	100W Average at +70C
Nominal Impedance	50Ω
Radiation Pattern	Omni directional
Polarisation	Vertical
High voltage whip contact protection	11kVAC

### 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
	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 Contamination	DEF-STAN 00-35
	Drop	DEF-STAN 00-35
Packed dimensions and weight	3m carbon fibre whips	170mm H x 170mm W x 1,430mm L, 4.8kg
	Weight	3.8kg (Base, shockmount, 2 elements and gasket)
Colour	Customer-specified	



**Exploded base**

**view shown**

Specifications subject to change without notice

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**ISO 9001:2000**