



Model

**M62T**

Highly flexible

UHF Whip

625 MHz

Factory tuned

2.1 dBi Gain

120mm

- Highly flexible multi-strand wire core with PVC jacket outer and chrome plated mount ferrule.
- Mounts to any antenna base with 5/16"-26 brass male thread

## INSTALLATION GUIDE

[www.zcg.com.au](http://www.zcg.com.au)

### ANTENNA DESCRIPTION

For the set UHF frequency 625 MHz, our M62T, highly flexible 2.1 dBi gain whip can be mounted to any antenna base with 5/16"-26 brass male thread.

The M62T is virtually unbreakable, constructed of a multi-stranded stainless steel core, PVC outer jacket and a chrome plated brass ferrule, ideal for installation locations where contact may occur.

A detailed specification sheet is available to download from our website [www.zcg.com.au](http://www.zcg.com.au)

### SELECTING THE MOUNTING POSITION

The whip can be mounted in various positions on a vehicle, or some other fixed location.

To achieve best performance from your antenna, these are the important principles you should consider when selecting the mounting point:

1. **The antenna mounting base will require a metal ground plane for effective performance.**
2. **Mount the antenna in as high a place as possible.**
3. **Mount the antenna as far away from other antennas and metallic objects as possible to avoid interference and distortion of the 360° omnidirectional pattern. At least 350 mm side clearance is desirable, preferably more.**
4. **Mount the antenna vertical, not at an angle.**

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Ensure your mounting surface is clear from debris or possible obstructions such as sharp edges.

Mount your base into the intended location and ensure tight/good contact with metallic mounting surface.

**IMPORTANT :** Leave some slack in the cable at the point where the cable bottom exits your base so as not to place unnecessary tension on the cable.

Use cable ties, but do not pull so tight as to crush the cable. A damaged feeder cable is a cause of high VSWR and reduced performance.

Install your M62T onto your 5/16-26 brass male terminated mount base and lightly tighten with an appropriate spanner. Do not overtighten as to over-compress your M62T onto the threads, this can cause cross threading or binding.

Connect your device to your mount base termination and check performance.

**Installation is now complete.**

### Ground dependent mounting options available separately



**OB-2**

Australian Standard OB base, Black, 5/16"-26 brass male thread, no cable, no connector



**OB-4.7 / OB-6.0 / OB-8.0**

OB-2 mount and cable base, black (available in all white), 4.7 / 6.0 / 8.0 metres RG58A/U stranded core cable, UHF male solder PL259 connector supplied, not fitted.



**MGB-OB**

Magnetic OB-2 mount and cable base, 105mm diameter, 4.7 metres RG58A/U stranded core cable side exits, no connector - specify requirements

**The options above require a metal ground plane for effective performance.**