

# INSTALLATION GUIDE

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

Model

## ZN5-27-12

27 MHz Land CB Radio Whip, 120 cm

- Stainless steel whip, chrome plated brass and delrin ferrule
- Mounts to any antenna base with 5/16"-26 TPI thread



### DESCRIPTION

**ZN5-77-12** is a ground independent stainless steel whip factory tuned for 27 MHz land CB radio communications.

The chrome plated brass and delrin ferrule fits onto any antenna mounting base with a 5/16"-26 TPI thread.

Standing 1.2 metres tall and rated for up to 50 watts input power, the antenna delivers 2.1 dBi gain.

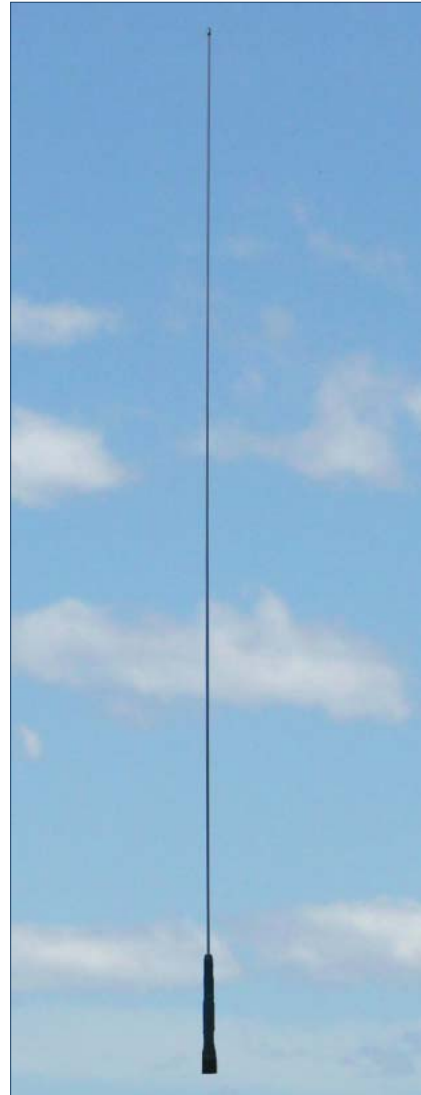
### SELECTING THE MOUNTING POSITION

Since this **ZN5-77-12** top whip is fully ground independent, antenna bases can therefore be mounted in numerous locations where no metal exists, either fixed or mobile.

The ZCG Scalar antenna bases listed below are recommended and a range of brackets are also available.

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

1. **Mount the antenna in as high a place as possible.**
2. **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.**
3. **Mount the antenna vertical, not at an angle.**



### Mounting Bases Available



**OB-2**

Australian Standard UHF OB Base, Black, 5/16"-26 TPI thread, no cable, no connector



**OB4.7**

OB-2 Base, Black, 4.7 metres RG58 low loss stranded cable, UHF male solder connector supplied (not fitted)



**MGB-OB**

Magnetic OB-2 Base, steel with polished black powder coat finish, 10.5 cm diameter, heavy duty magnet, PVC matted pad on bottom, 4.7 metres RG58 low loss stranded cable side exits, no connector