



Model

ZN1-77-00

477 MHz UHF CB
Whip Antenna
143 mm

- Highly flexible stainless steel wire internals, black heatshrink, chrome plated brass ferrule
- Mounts to any antenna base with 5/16"-26 brass thread

INSTALLATION GUIDE

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DESCRIPTION

Our compact UHF CB Radio whip the **ZN1-77-00** stands at 143 mm tall, making it ideal for reduce space availability locations or where a small profile whip is required. The whip is constructed from a highly flexible stainless steel wire internals with black heatshrink cover and chrome plated brass ferrule.

Factory tuned for 477 MHz UHF CB Radio (476.425-477.4125 MHz) this whip can be fitted to any antenna base with a 5/16"-26 brass thread and mounted in various locations, either fixed or mobile.

The ZCG suitable antenna bases listed below are recommended.

SELECTING THE MOUNTING POSITION

Important : Antenna bases will need to be mounted on a metal ground plane for effective performance.

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.**

INSTALLATION

Ensure your mounting thread is clean and no contaminants are present as this will cause noise of your signal and possibly corrosion.

Hand screw your ZN1-77-00 whip onto your 5/16"-26 brass male thread/threaded mount base. Once the whip is screwed down using an adjustable spanner, gently apply pressure to ensure the whip is tight onto your mount thread.

DO NOT overtighten as this will strip threads and possibly break the threaded base leading to failure of your system.

MAINTENANCE

ZCG design and construct the ZN1-77-00 to be low maintenance solution. However ZCG recommend a yearly full maintenance check of your entire system to ensure is performing to stated levels and no damage has occurred.

Ensure your ferrule is secure and your cable to device termination is tight prior to any extreme expedition.

Mounting options available separately



SKU: ZN4-77-01
Ground independent base, 4.5 metre cable, UHF male connector, no spring, mounting thread and nut



SKU: ZN4-77-02
Ground independent base, 4.5 metre cable, UHF male connector, stainless steel beehive spring, mounting bolt, spring washer



SKU: OB-2
Australian Standard UHF OB Base, Black, 5/16"-26 brass male thread, no cable, no connector



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



SKU: 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

The OB-2, OB-4.7 and MGB-OB require a metal ground plane for effective performance.