Chrome brass mount ferrule
 Mounts to any antenna base with 5/16"-26 brass male

27.88 MHz CB Radio

O

coil wound fibreglass

heatshrunk

Black ground dependent whip only Model
ZW312H-BLK



ANTENNA DESCRIPTION

Standing 64 cm tall, **ZW312H-BLK** is a wire wound fibreglass whip with UV stabilised black heatshrink outer jacket and chrome plated brass ferrule factory tuned for 27.88 MHz CB radio communications.

This model can be used to replace a damaged top whip supplied with the **ZM312H-BLK** CB radio 27.88 MHz antenna kit with white **OB-2** mounting base and black RG58 coaxial cable.

The whip can be fitted to any antenna base with a 5/16"–26 brass thread and mounted in various locations, either fixed or mobile.

A detailed specification sheet is available to download from www.zcg.com.au

TUNING

This white whip has been tuned in the factory for the HF CB Radio frequency 27.88 MHz. VSWR has been optimised to better than 1.5:1.

This tuning cannot be altered.

SELECTING THE MOUNTING POSITION

IMPORTANT: The antenna is <u>not ground independent</u> and therefore must be mounted <u>on a metallic surface</u> at least 0.5 metres square for effective performance.

Typical mount positions would be on the metallic roof/cabin of an aluminium or steel boat or vehicle.

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.
- 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 350mm side clearance is desirable, preferably more.
- 3. For optimum performance the antenna must be in a vertical position, not at an angle.

MAINTENANCE

The ZW312H-BLK 27 MHz CB radio whip has been constructed of high quality materials with a UV stabilised black outer jacket heatshrink, requiring minimal maintenance.

We still recommend a yearly complete system check of your antenna, base security, coaxial cable condition and communications equipment (radio) to ensure in working order, in case of emergency requirements.

We also recommend before any remote location adventure the above checks are completed to ensure communications system effectiveness in case of emergency. The most common 'faults' are loose connections from coaxial to equipment or antenna security on mount base.

Mounting bases recommended and available separately

OB-2Australian Standard UHF

OB Base, Black, 5/16"-26

brass male thread, no

cable, no connector

OB-4.7

OB-2 Base, Black, 5/16"-26 brass male thread, 4.7 metres of RG58A/U stranded cable with UHF Male PL259 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 RG58A/U stranded cable side exits, no connector

We also stock a complete range of mounting brackets. Visit www.zcg.com.au for details.