



Model

ZW312H-BLK

Black ground
dependent whip
only

**27.88 MHz
CB Radio**

- Black heatshrink coil wound fibreglass whip
- Chrome brass mount ferrule
- Mounts to any antenna base with 5/16"-26 brass male thread

INSTALLATION
GUIDE

www.zcg.com.au

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 not ground independent and therefore must be mounted on a metallic surface 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.**
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 350mm side clearance is desirable, preferably more.**
3. **For optimum performance the antenna must be in a vertical position, not at an angle.**

Mounting bases recommended and available separately

OB-2

Australian 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.