

Section 4b

**CB RADIO ANTENNAS**

Updated 18 February 2011

<b>ZN3-77-12</b>	
<b>UHF CB Super Heavy Duty Vehicle Bull Bar Mount</b>	
Frequency	Gain
<b>477 MHz</b>	<b>8.1 dBi</b>



The **ZN3-77-12** super heavy duty UHF CB radio antenna is specifically designed for mounting to a vehicle bull bar. Standing 2.1 metres tall and offering high 8.1 dBi gain, this antenna will deliver maximum range over flat ground. Manufactured in Australia by ZCG Scalar, the high quality design is built to last.

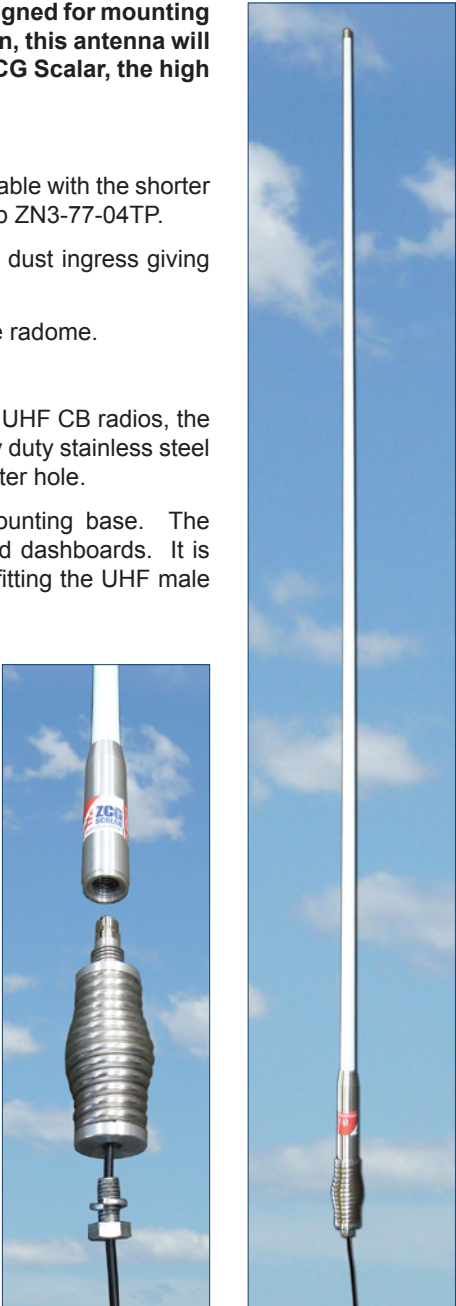
Key features include :

- The top whip is detachable for storage when not required, or is interchangeable with the shorter 6.6 dBi gain ZN3-77-11 top whip or the 40cm “quick fit” 2.1 dBi flexible whip ZN3-77-04TP.
- A precision machined marine grade aluminium ferrule prevents water and dust ingress giving the antenna a longer service life.
- The machined aluminum radome cap stops water and dust ingress into the radome.
- Component parts are available to order separately.

Factory tuned for 477 MHz and suitable for all Uniden, GME, Icom and Vertex UHF CB radios, the antenna is available with either a White or Black fibreglass radome. The heavy duty stainless steel barrel spring base bolts into any bracket with a minimum 12.7 mm (½") diameter hole.

4.5 metres of RG58 low loss stranded cable bottom exits through the mounting base. The cable is not terminated to allow easy installation through vehicle firewalls and dashboards. It is recommended that the cable be cut to the shortest length necessary prior to fitting the UHF male solder connector supplied.

SPECIFICATIONS	ZN3-77-12W	ZN3-77-12B
<b>Radome Colour</b>	White	Black
<b>Construction</b>	Marine grade aluminium ferrule, coaxial feeder sections, reinforced internal fibreglass rod, foam tape packing to eliminate internal vibration, fibreglass radome, heavy duty stainless steel barrel spring	
<b>Frequency</b>	<b>477 MHz UHF CB Radio</b>	
<b>VSWR</b>	Less than 1.5:1	
<b>Tuning</b>	Factory	
<b>Gain</b>	<b>8.1 dBi</b>	
<b>Maximum Power</b>	100 Watts	
<b>Impedance</b>	50 Ohms	
<b>Polarisation</b>	Vertical	
<b>H-Plane</b>	360° Omnidirectional	
<b>Cable</b>	4.5 metres of RG58 low loss stranded cable bottom exits through the spring and mount bolt	
<b>Connector</b>	UHF male solder connector supplied, not fitted	
<b>Height and Weight</b>	2.1 metres, 1.6 kg	
<b>Mounting</b>	Secure into any bracket with minimum 12.7 mm (½") diameter hole using the bolt and spring washer supplied	
<b>Recommended Mounting Position</b>	Vehicle bull bar. If required, the <b>BBM-SS</b> stainless steel mounting bracket is available	
<b>Installation Kit Contents</b>	<ol style="list-style-type: none"> <li>1. 3 mm Allen key to remove antenna top</li> <li>2. PVC cap to cover exposed connector on base</li> <li>3. 6 x 100 mm cable ties, 2 x 200 mm cable ties</li> <li>4. UHF male solder connector (PL259)</li> <li>5. Coil of solder</li> </ol>	
<b>Component Parts Available</b>	<b>ZN3-77-12W-TP</b> : White fibreglass top only <b>ZN3-77-12B-TP</b> : Black fibreglass top only <b>ZN3-SB-L</b> : Large spring base, cable, connector <b>ZN3-77-04TP</b> : Highly Flexible “Quick Fit” top only	



Installation Kit included with each antenna