

**Section 4b**

**CB RADIO ANTENNAS**

Updated 18 February 2011

**ZN3-77-11  
UHF CB Heavy Duty  
Vehicle Bull Bar Mount**

Frequency **477 MHz** Gain **6.6 dBi**



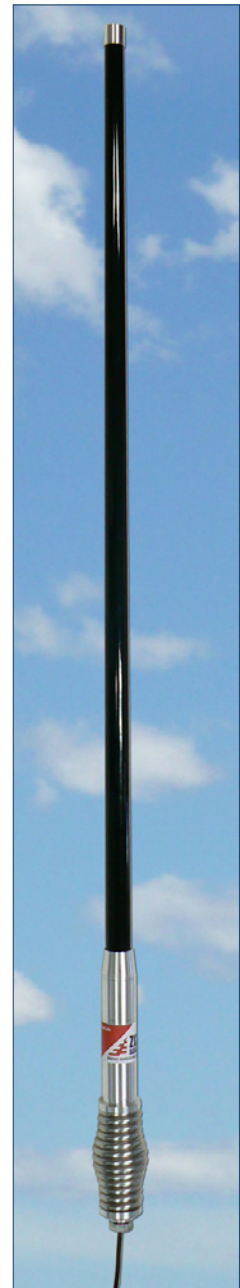
The ZN3-77-11 heavy duty UHF CB radio antenna is designed for mounting to a vehicle bull bar. Standing 1.2 metres tall with 6.6 dBi gain, this model offers a good balance between size and gain and is well suited to both hilly and flat ground. The robust design is purpose built by ZCG Scalar to survive harsh Australian conditions long term.

Key features include :

- The top whip is detachable for storage when not required, or is interchangeable with the taller 8.1 dBi high gain ZN3-77-12 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	ZN3-77-11W	ZN3-77-11B
Radome Colour	White	Black
Construction	Marine grade aluminium ferrule, coaxial feeder, silver soldered brass dipole, wound copper radiator coil, reinforced internal fibreglass rod, foam tape packing to eliminate internal vibration, fibreglass radome, heavy duty stainless steel barrel spring	
Frequency	<b>477 MHz UHF CB Radio</b>	
VSWR	Less than 1.5:1	
Tuning	Factory	
Gain	<b>6.6 dBi</b>	
Maximum Power	100 Watts	
Impedance	50 Ohms	
Polarisation	Vertical	
H-Plane	360° Omnidirectional	
Cable	4.5 metres of RG58 low loss stranded cable bottom exits through the spring and mount bolt	
Connector	UHF male solder connector supplied, not fitted	
Height and Weight	1.2 metres, 1.42 kg	
Mounting	Secure into any bracket with minimum 12.7 mm (½") diameter hole using the bolt and spring washer supplied	
Recommended Mounting Position	Vehicle bull bar. If required, the <b>BBM-SS</b> stainless steel mounting bracket is available	
Installation Kit Contents	<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>	
Component Parts Available	<b>ZN3-77-11W-TP</b> : White fibreglass top only <b>ZN3-77-11B-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	

