

## Section 4b

### CB RADIO ANTENNAS

Updated 11 August 2011

## ZGI40 27 MHz Land CB Radio Ground Independent Vehicle Mount

Gain  
2.1 dBi



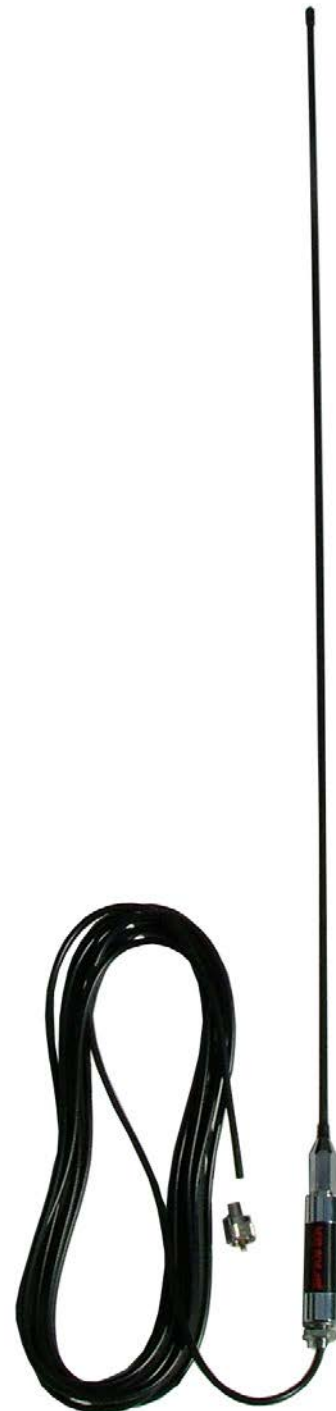
**ZGI40 is a ground independent 27 MHz land CB radio mobile antenna specifically designed for mounting to the bull bar, guard or boot of a vehicle, or to a truck mirror. No metal ground plane is necessary for effective performance.**

Standing 1.1 metres tall, the antenna delivers 2.1 dBi gain. The high quality chrome plated brass, delrin, copper and fibreglass construction will survive harsh Australian conditions for many years.

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 provided.

A range of brackets are available to suit various mounting positions on a vehicle.

SPECIFICATIONS	ZGI40
<b>Construction</b>	Chrome plated brass and delrin ferrule, copper internals, black fibreglass whip
<b>Frequency</b>	<b>27 MHz Land CB Radio</b>
<b>VSWR</b>	Less than 1.5:1
<b>Gain</b>	<b>2.1 dBi</b>
<b>Maximum Power</b>	50 Watts
<b>Impedance</b>	50 Ohms
<b>Polarisation</b>	Vertical
<b>H-Plane</b>	360° Omnidirectional
<b>Cable</b>	4.5 metres RG58 low loss stranded bottom exits through the threaded mounting base
<b>Connector</b>	UHF male solder connector supplied, not fitted
<b>Height</b>	1.1 metres
<b>Weight</b>	470 grams
<b>Mounting</b>	Secure into any bracket with 12.7 mm (½") minimum diameter hole using the nut and spring washer on the threaded base
<b>Recommended Mounting Position</b>	Vehicle bull bar, guard, boot or truck mirror using the appropriate bracket
<b>Replacement Whip</b>	<b>ZGI40W</b> is the top whip only, 98 cm tall



A UHF male solder connector is supplied, not fitted.