



ZGI40 Series

Ground independent Land CB Radio Whips

HF 26 MHz or 27 MHz



The ZGI40 series are ground independent, 27MHz (Australia) or 26MHz (New Zealand) land CB radio antenna and are designed for fixed position or mounting to the bull bar, guard, boot or truck mirror. No metal ground plane is necessary for effective performance.

Please note: The ZGI40-NZ is suitable for New Zealand 26MHz CB radio communications.

Mounting hardware, adaptors, connectors and other installation accessories are all available separately.

	ZGI40	ZGI40-NZ
Construction	Black heatshrunk fibreglass whip, delrin and chrome base	
Frequency range	Land CB radio 27 MHz Used in Australia	Land CB radio 26 MHz Used in New Zealand
VSWR	<1.5:1	
Gain	2.1 dBi	
Maximum power	50 Watts	
Impedance	50 Ohms	
Polarisation	Vertical	
H Plane	360° omni-directional	
Cable	4.5 metres MIL-SPEC RG58 stranded - bottom exit from base	
Connector	UHF male PL259 solder connector supplied, not fitted	
Height	1.975metres	1.8metres
Weight	470grams	
Mounting hardware order separate	Bullbar: BBM-SS, BBML-SS, BBMXL-SS or BBKB-B Truck Mirror: MRM-SS Bracket Mounting: GM1, GM2, GM6	
Mounting position recommended	As high on your vehicle/structure as possible using a minimum 13mm hole or appropriate bracket with a 13mm hole	
Installation tools required	19mm spanner for nut securing	
Replacement parts: ZGI40	ZGI40-TPM - whip top only - 1.775mm	
Replacement parts: ZGI40-NZ	ZGI40-NZ-TPM - whip top only - 1.6m	



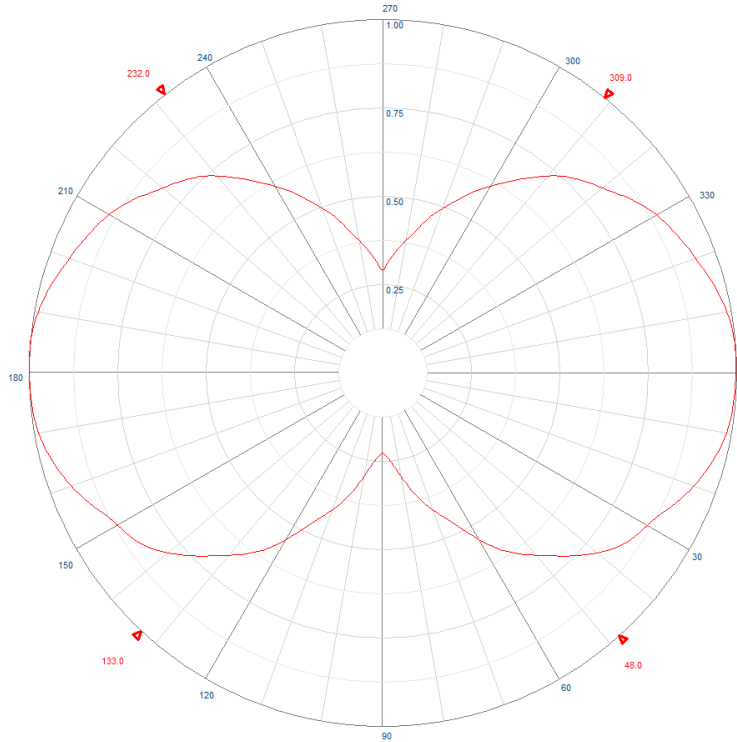
UHF Male PL259 solder pin twist style connector supplied, not fitted



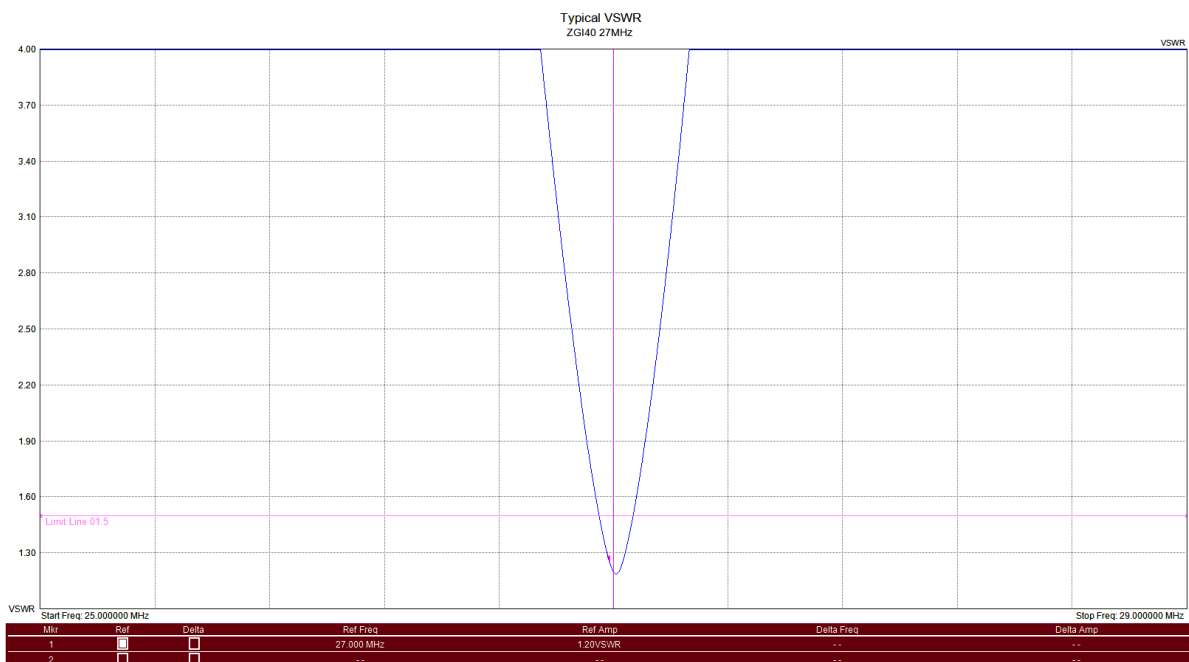
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Example radiation pattern



Typical VSWR - ZGI40

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Recommended installation accessories



BBM-SS - wrap around bull bar mount, up to 50mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner



BBML-SS - wrap around extra large bull bar mount, up to 65mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner



BBMXL-SS - wrap around extra large bull bar mount, up to 76mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner



BBKB-B - Rhino knock down antenna mount, powder coated black

17mm mount hole with cable slot



ATLM series - Adjustable bonnet, boot and door jam mount. 360 rotational and 140 degree adjustment

16mm mount hole

Black or Chrome

Includes 5mm and 2mm allen keys



Alternate Spring base

A-1270 - Parallel heavy-duty mount spring, includes base mount bolt

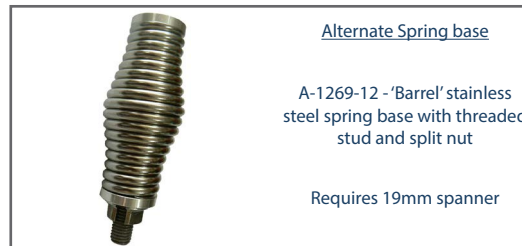
Requires 19mm spanner



Alternate Spring base

A-1269-14 - 'Barrel' stainless steel spring base with 50mm base extension. Suitable for behind bull bar mounting or wing mirror bracket mounting

Requires 19mm spanner



Alternate Spring base

A-1269-12 - 'Barrel' stainless steel spring base with threaded stud and split nut

Requires 19mm spanner

Typical alternate Connectors



SMA male termination
Suits CEL-Fi go device or telemetry device.

Also available in right-angle configuration or alternate gender



N-type male termination
Suits telemetry devices

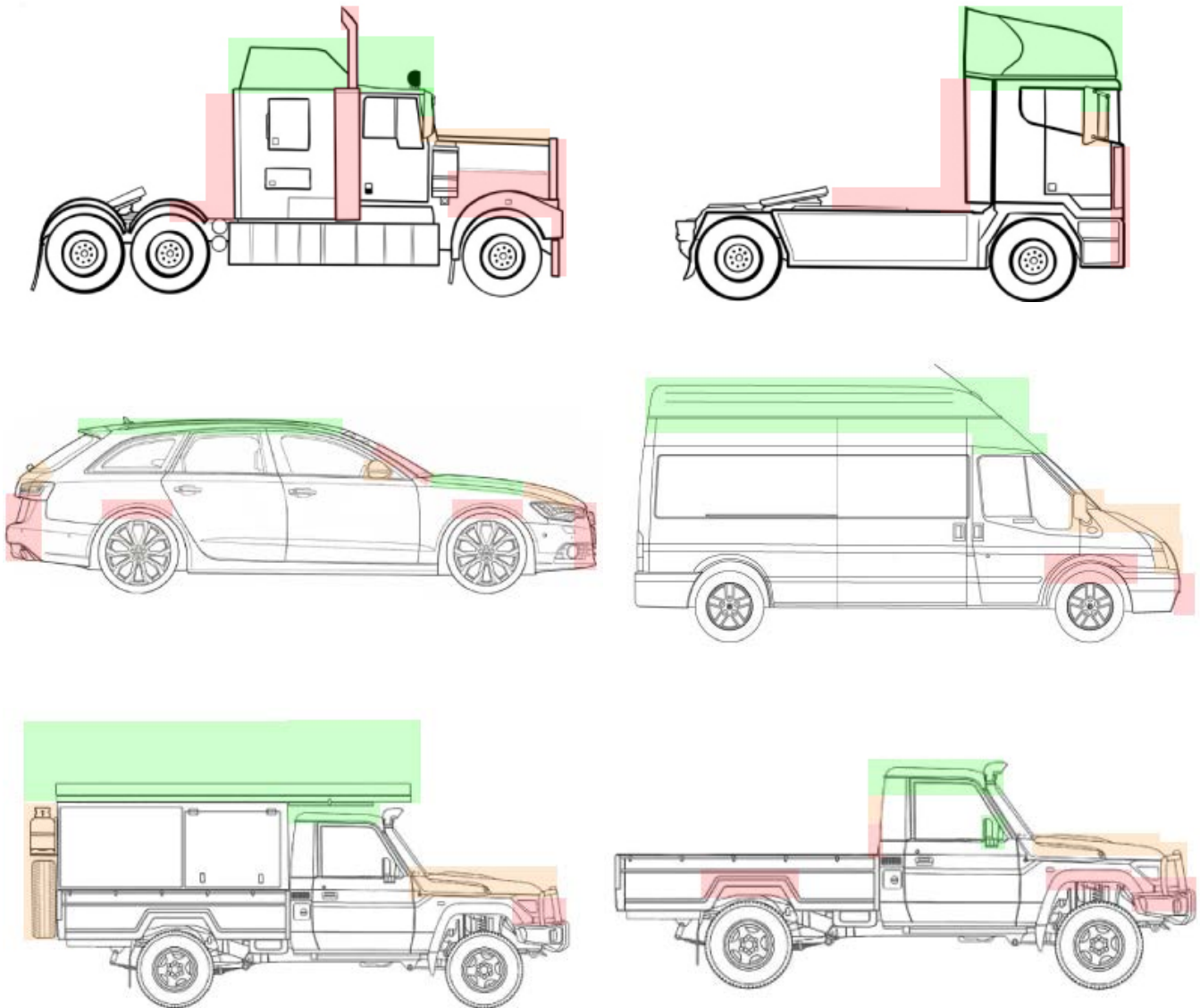
Also available in right-angle configuration or alternate gender

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Vehicle Mounting locations



- Best/Recommended location for mounting
- Suitable mounting locations
- Not suitable mounting locations