

ZN5-27-12

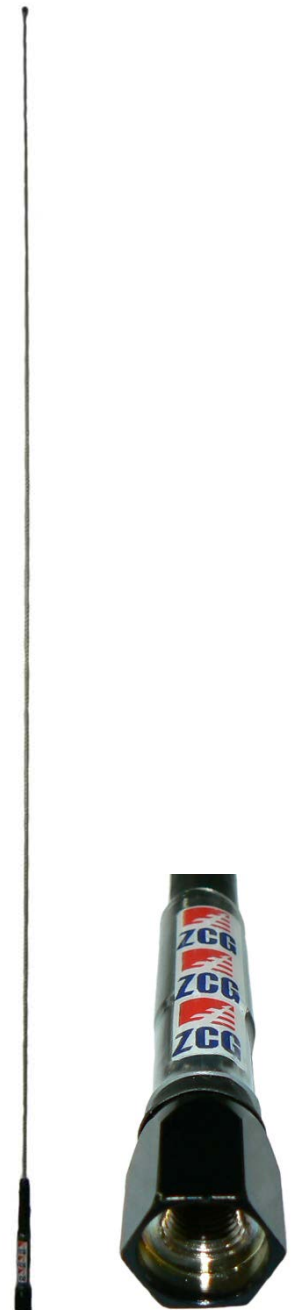
Ground dependent stainless steel Land CB whip 27MHz land CB radio

The ZN5-27-12 is a stainless steel base loaded whip designed and manufactured for 27MHz land CB radio communications for either a vehicle or fixed position mounting.

Please note: this whip requires a metallic ground to perform at stated levels.

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

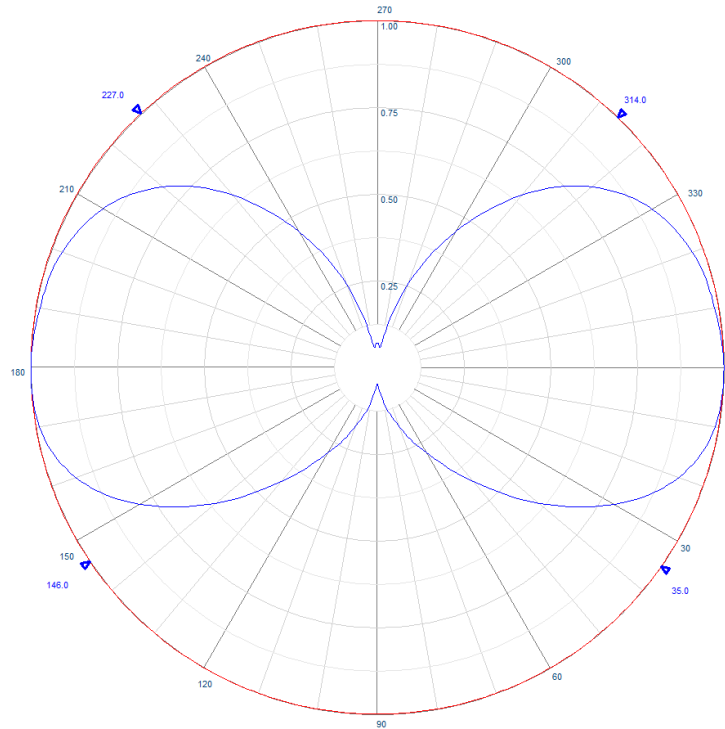
Construction	Type 17-7PH stainless steel whip, delrin and black chrome base
Frequency range	Land CB radio 27MHz
Bandwidth	27.005-27.405 - all 40 channels
VSWR	<2:1
Tuning	Factory
Gain	2.1 dBi
Maximum power	50 Watts
Impedance	50 Ohms
Polarisation	Vertical
Ferrule thread	Internal 5/16"-26 brass female
H Plane	360° omnidirectional ± 0.5 dBd
Ground independent	No - <u>metal ground plane required</u> Approximately 2.7m x 2.7m for best performance
Height	1.2 metres - not including mount base
Weight	250grams
Mounting accessories order separate	OB-2 / OB-4.7 / MGB-OB or any base with 5/16"-26 brass male thread.
Mounting position recommended	Mount as high on your vehicle/structure as possible using the appropriate base or thread. Ensure mount base is metallic for effective performance
Mounting requirements	Metal ground plane minimum 1/8" wave diameter
Installation tools required	15mm spanner for whip securing



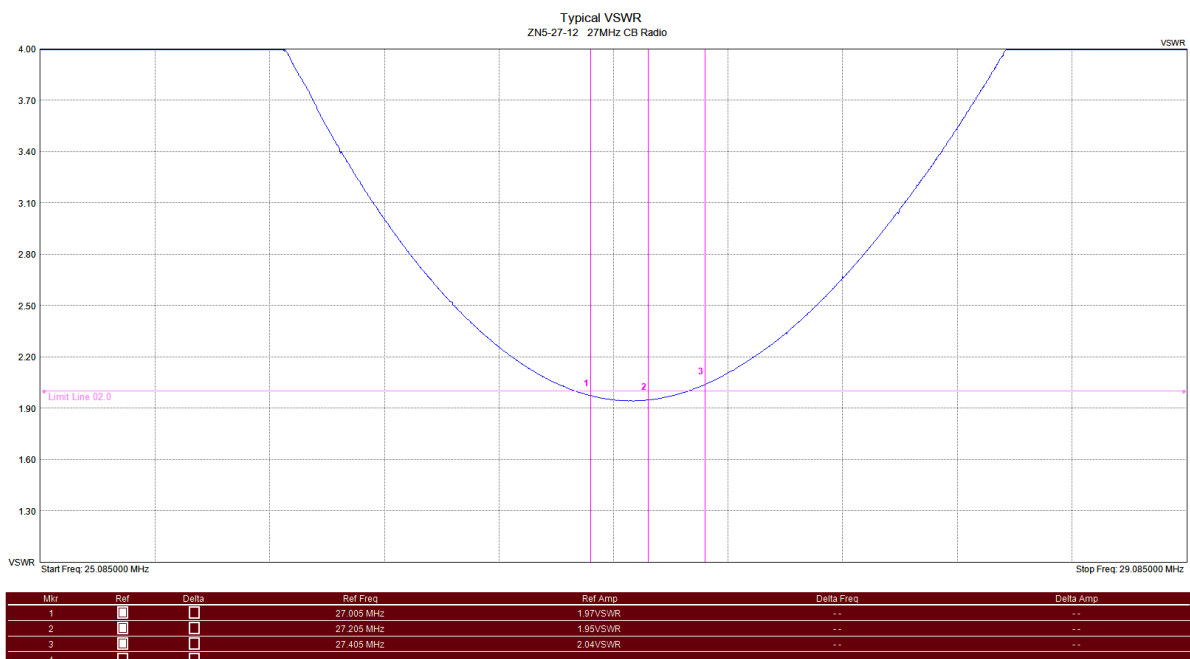


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Example radiation pattern - on 1/4 wave ground plane. Results will vary depending on ground plane size







Typical VSWR - on 1/8 wave metal ground plane, larger ground plane of 1/4 wave will improve VSWR

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Recommended mounting hardware

 <p>OB-4.7 - Australian standard OB base with 4.7 metres RG58 cable and UHF male PL259 supplied, not fitted, also available in 8.0m length.</p> <p>16mm mount hole Requires 11mm spanner</p>	 <p>MGB-OB - Magnetic base with Australian standard OB base, 4.7 metres RG58 cable, no connector</p> <p>105mm diameter</p>
 <p>OB-2 - Australian standard OB base with 5/16"-26 brass male thread</p> <p>16mm mount hole Requires 11mm spanner</p>	 <p>MS Base - Stainless steel parallel spring with 5/16"-26 brass male thread and female thread</p> <p>requires OB base</p>

Recommended installation accessories

 <p>BBM-SS - wrap around bull bar mount, up to 50mm diameter bull bar tube</p> <p>16mm mount hole Requires 10mm spanner</p>	 <p>BBML-SS - wrap around extra large bull bar mount, up to 65mm diameter bull bar tube</p> <p>16mm mount hole Requires 10mm spanner</p>
 <p>BBMXL-SS - wrap around extra large bull bar mount, up to 76mm diameter bull bar tube</p> <p>16mm mount hole Requires 10mm spanner</p>	 <p>BBKB-B - Knock-down antenna mount, powder coated black</p> <p>16mm mount hole with 5.5mm cable hole</p>
 <p>ATLM series - Adjustable bonnet, boot and door jam mount. 360° rotational and 140° degree adjustment</p> <p>16mm mount hole Black or Chrome Includes 5mm and 2mm allen keys</p>	