

ZN3-77-12 Series

Super heavy-duty detachable spring base collinear UHF CB Radio 477 MHz

The ZN3-77-12 series of UHF CB radio antennas are specifically designed for vehicle mounting on trucks or large 4WD's. Offering the highest gain in the range, this antenna will deliver the maximum transmit and receive range suitable for flat ground.

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

	ZN3-77-12B	ZN3-77-12W
Colour	Black	White
Construction	Coloured fibreglass radome, aluminium ferrule, stainless steel 'barrel' spring base, external coaxial cable and termination	
Frequency range	477 MHz - UHF CB radio	
Bandwidth	476.4125 - 477.4125 MHz - covering all 40/80 channels	
VSWR	<1.5:1	
Tuning	Factory	
Gain	8.1dBi - suits flat terrain such as central Australia	
Maximum power	100 Watts	
Impedance	50 Ohms	
Polarisation	Vertical	
H Plane	360° omnidirectional	
Cable	4.5 metres RG58 low loss, solid core, bottom exit from spring base	
Connector	FME female fitted to cable - for ease of installation	
Adaptor - supplied	FME male to UHF male PL259	
Height	2.1 metres	
Weight	1.6kg	
Mounting hardware order separate	Bullbar: BBM-SS, BBML-SS, BBMXL-SS or BBKB-B Bracket Mounting: GM1, GM2, GM4, GM6	
Mounting position recommended	As high on your vehicle/structure as possible using a 13mm hole or appropriate bracket	
Installation kit contents	3mm Allen key, PVC cap, 8 x cable ties and FME male to UHF male adaptor	
Installation tools required	18mm spanner for split nut securing to base	



FME female jack connector fitted to cable

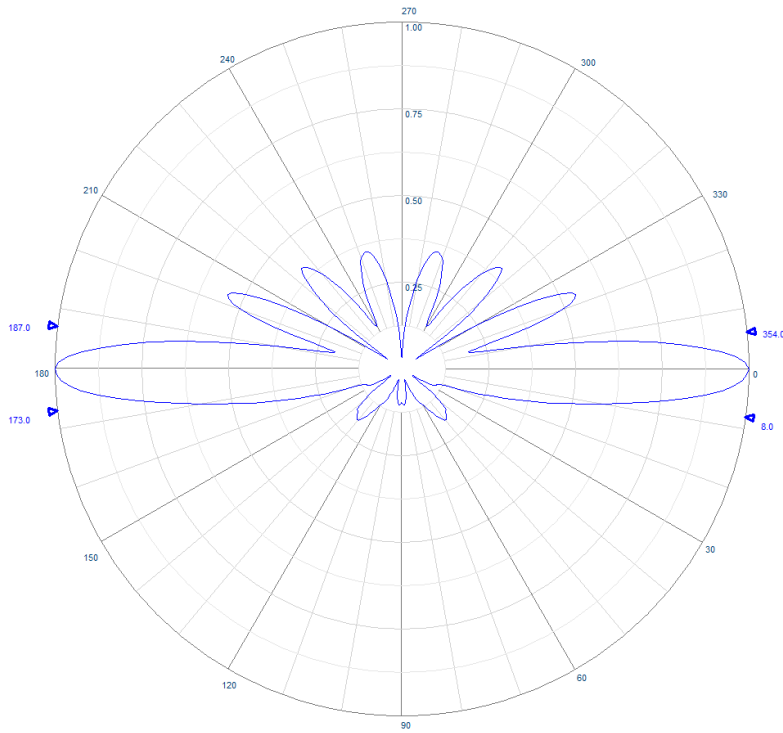


FME male to UHF Male PL259 adaptor

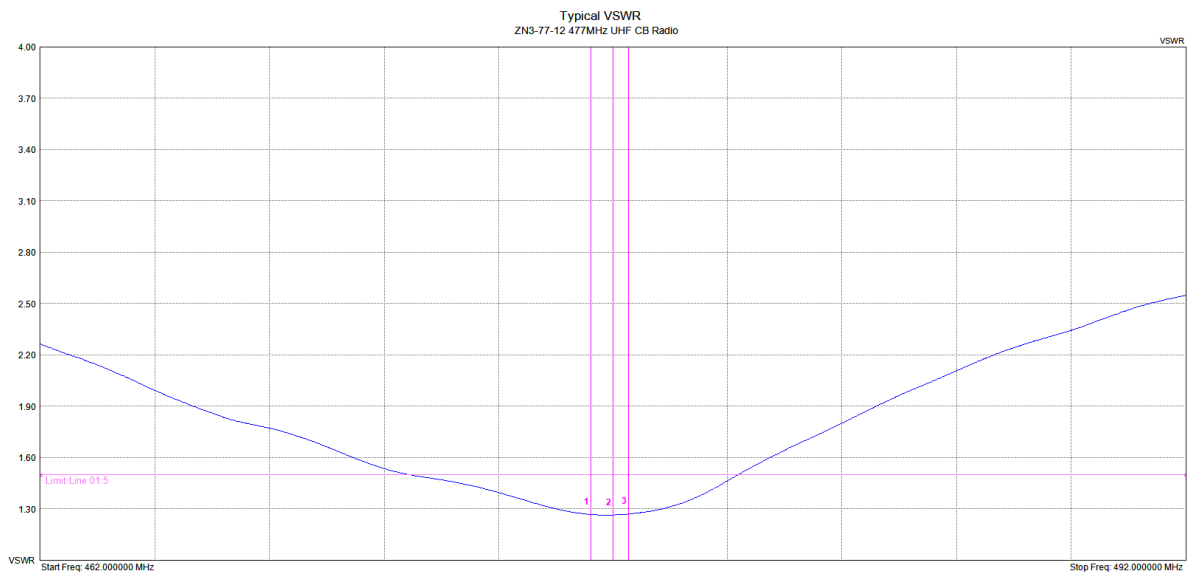


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Example radiation pattern



Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	476.425 MHz	1.27VSWR	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	477.000 MHz	1.28VSWR	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	477.413 MHz	1.27VSWR	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>				

Typical VSWR

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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 - Knock-down antenna mount, powder coated black

16mm mount hole with 5.5mm cable hole



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



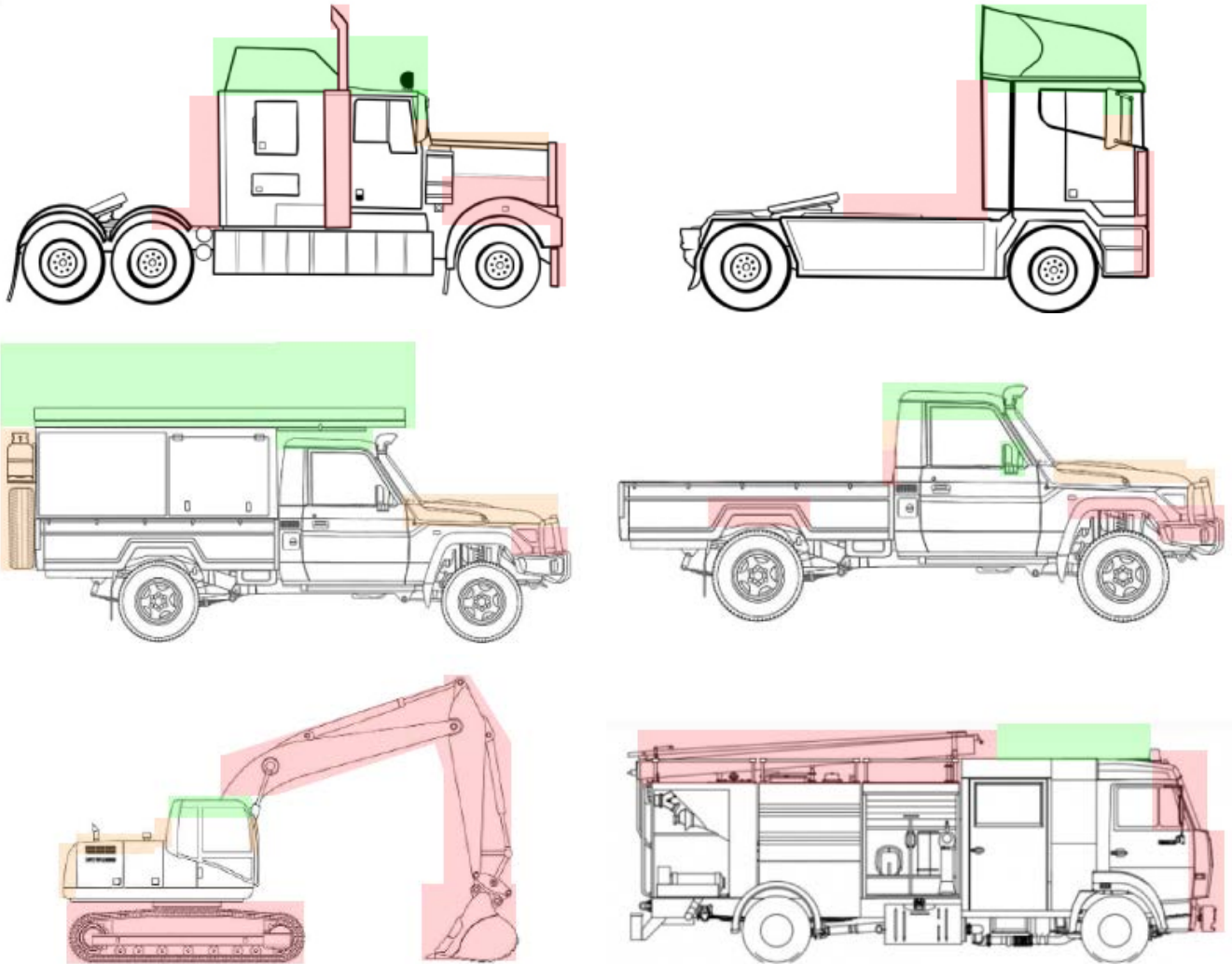
A-6211 - stainless steel fascia/wall mount bracket

16mm mount hole

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Vehicle Mounting locations



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