



## ZN4-77-07

### Medium duty Phased whip barrel spring base

### UHF CB radio 477 MHz



The ZN4-77-07 ground independent UHF CB antenna is a lightweight 477 MHz antenna which delivers excellent performance with medium gain. The ZN4-77-07 suits medium to heavy-duty terrain, for light-medium duty applications see the ZN4-77-07S.

The ZN4-77-06 is suitable for all radios on the market with a UHF female connection.

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

Construction	Black stainless steel phased coil whip, delrin and chrome elevated feed base, stainless steel 'barrel' spring, 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	6.6 dBi - suits mostly flat to mild hilly locations
Maximum power	50 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	950mm
Weight	700grams
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 base nut securing



Medium to heavy-duty stainless steel 'barrel' spring base



FME female jack connector fitted to cable

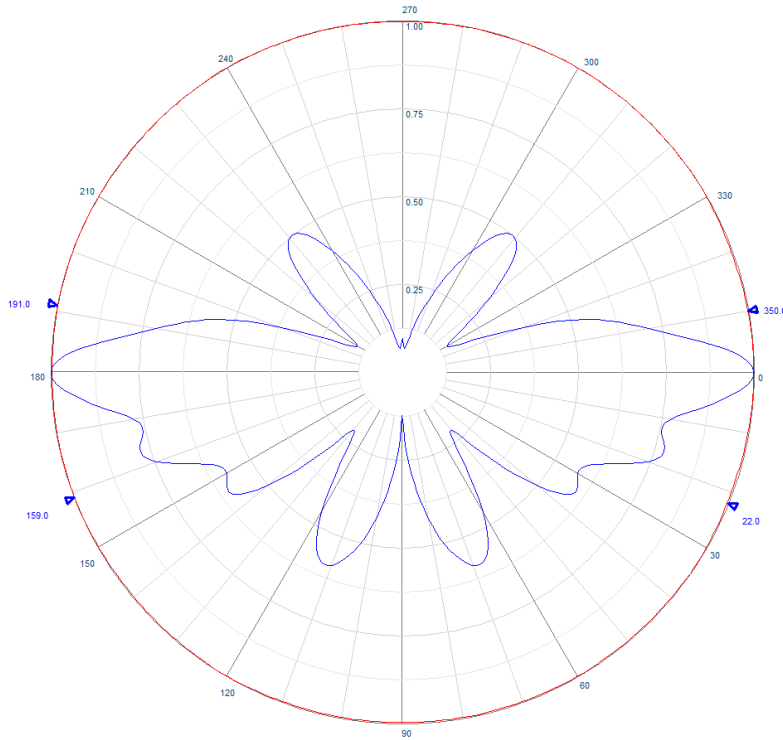


FME male to UHF Male PL259 adaptor

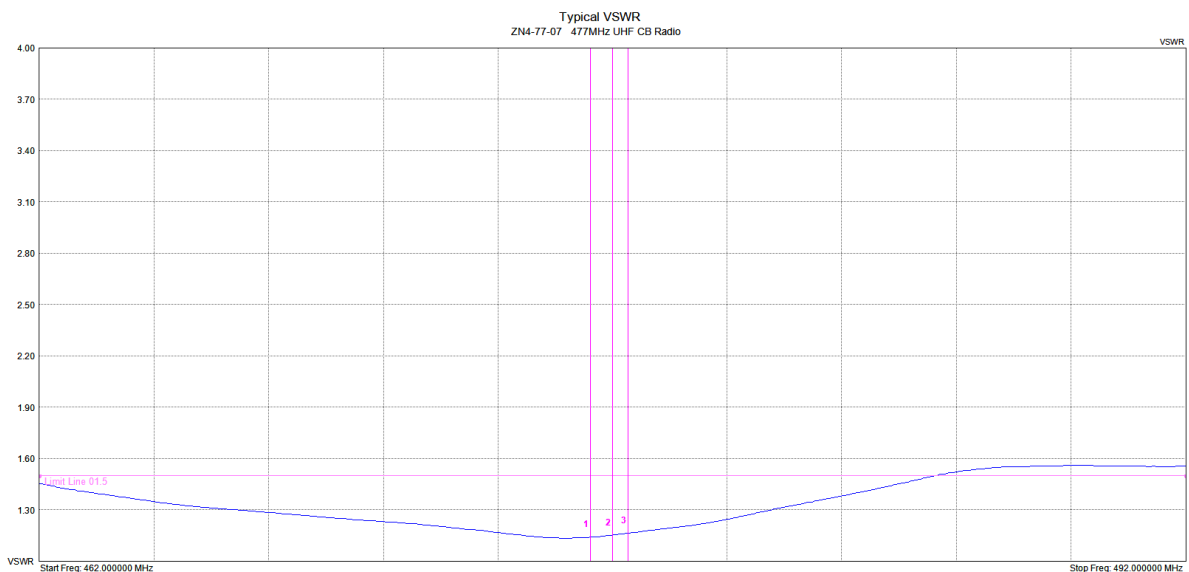


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Example radiation pattern



Mtr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	476.425 MHz	1.14VSWR	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	477.000 MHz	1.15VSWR	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	477.413 MHz	1.16VSWR	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Typical VSWR



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Recommended installation accessories



**SKU: BBM-SS**  
Wrap around bull bar mount, up to 50mm diameter bull bar tube  
16mm mount hole  
Requires 10mm spanner



**SKU: BBMXL-SS**  
Wrap around extra large bull bar mount, up to 76mm diameter bull bar tube  
16mm mount hole  
Requires 10mm spanner



**SKU: ATLM-B**  
Adjustable bonnet, boot and door jam mount. 360 rotational and 140 degree adjustment  
16mm mount hole  
Includes 5mm and 2mm allen keys



**SKU: BBKB-B**  
Knock-down antenna mount, powder coated black  
16mm mount hole with 5.5mm cable hole



**SKU: MRM-SS**  
304 stainless steel clamp style mirror mount  
16mm mount hole  
Requires 10mm spanner



**SKU: GM1**  
304 stainless steel 'L' mount bracket  
16mm mount hole



**SKU: GM2**  
304 stainless steel 'Z' mount bracket  
16mm mount hole



**SKU: GM6**  
304 stainless steel 'L' mount bracket  
16mm mount slot



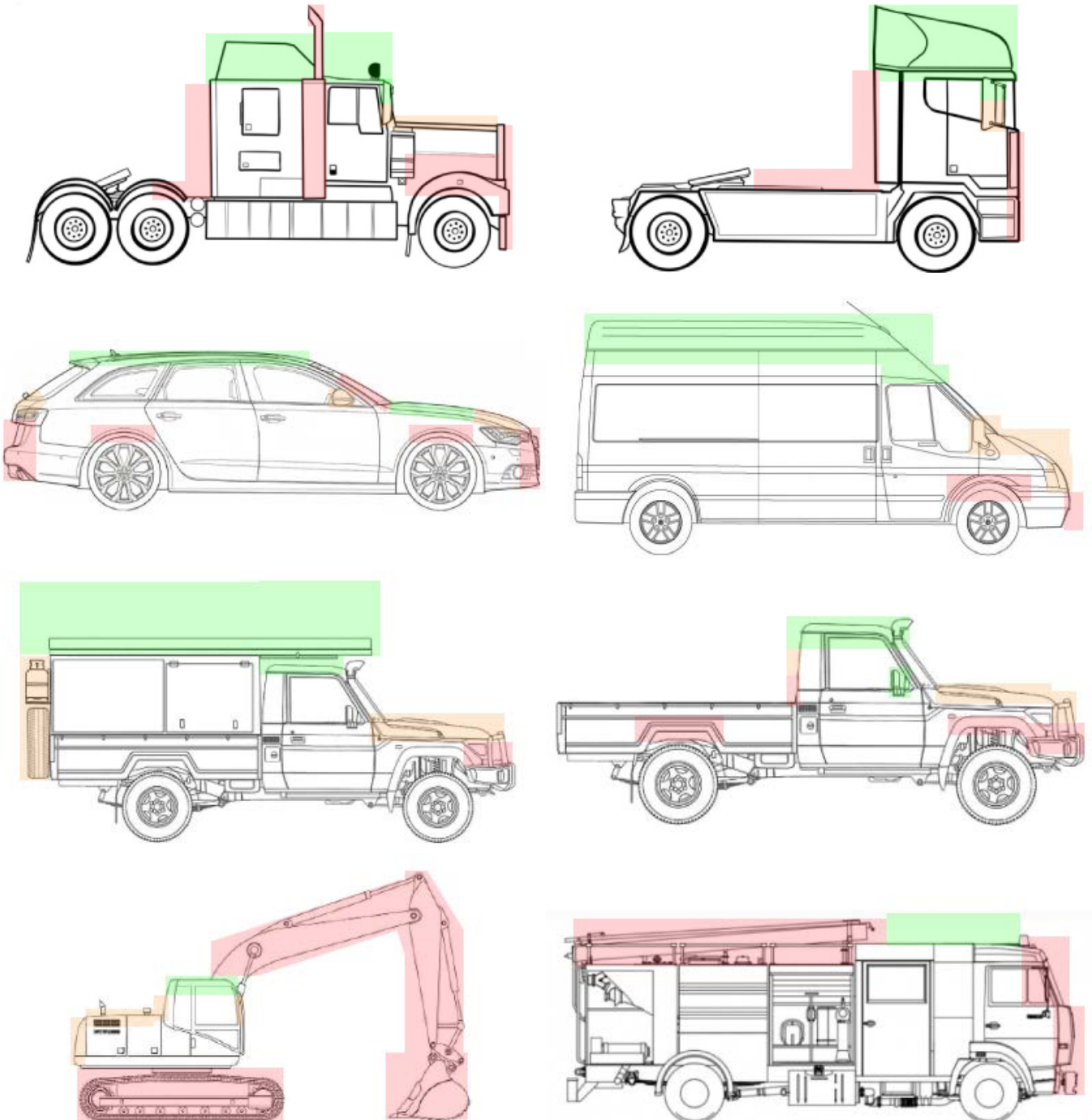
**SKU: A-6211**  
304 stainless steel offset mount bracket, 200mm offset  
16mm mount hole

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Vehicle Mounting locations



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