



ZN4-77-06-W

White fibreglass coil wound whip and barrel spring base

UHF CB Radio 477 MHz



The ZN4-77-06-W ground independent UHF CB Radio antenna is a medium duty elevated feed antenna which delivers excellent performance and medium gain. 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	White heatshrink fibreglass phased coil whip, delrin and chrome elevated feed base, 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	6.6 dBi - suits mild hilly to flat terrain
Maximum power	50 Watts
Impedance	50 Ohms
Polarisation	Vertical
H Plane	360° omnidirectional
Cable	4.5 metres MIL-SPEC RG58 low loss, 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



FME female jack connector fitted to cable



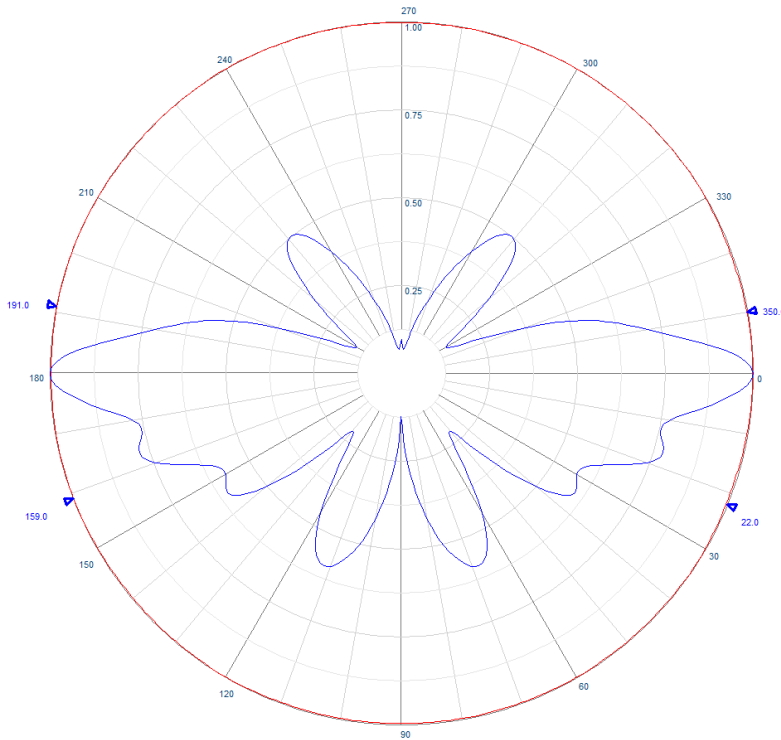
FME male to UHF Male PL259 adaptor



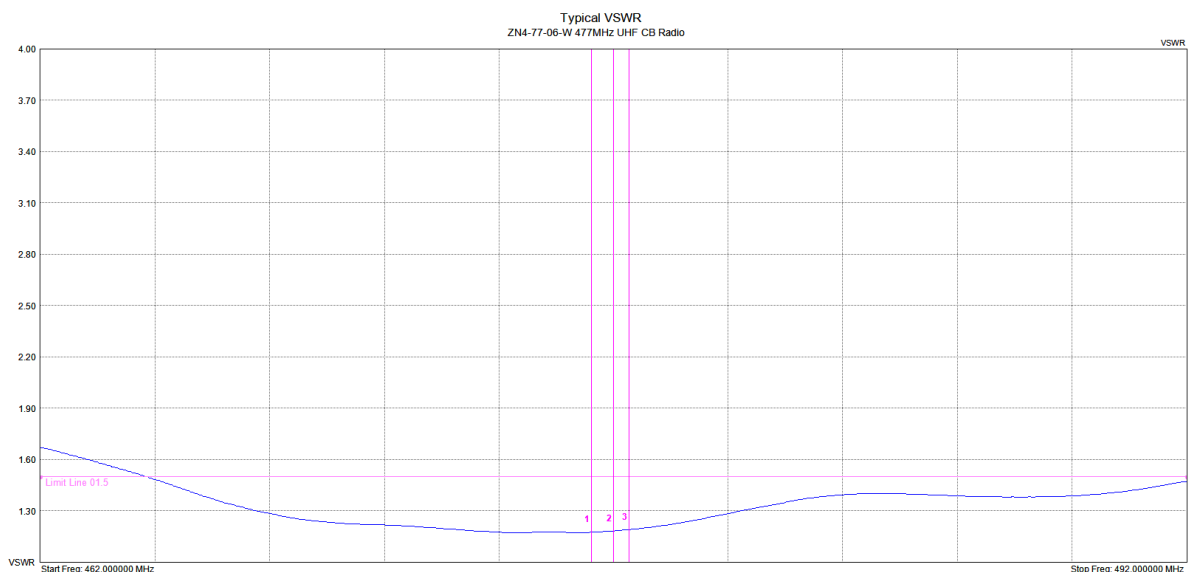
ZN4-77-06-W

White fibreglass coil wound whip and barrel spring base

UHF CB Radio 477 MHz



Example radiation pattern



Mtr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	476.923 MHz	1.19VSWR	---	---
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	477.000 MHz	1.19VSWR	---	---
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	477.413 MHz	1.19VSWR	---	---
4	<input type="checkbox"/>	<input type="checkbox"/>			---	---

Typical VSWR

ZN4-77-06-W

White fibreglass coil wound whip and barrel spring base

UHF CB Radio 477 MHz

Recommended installation accessories

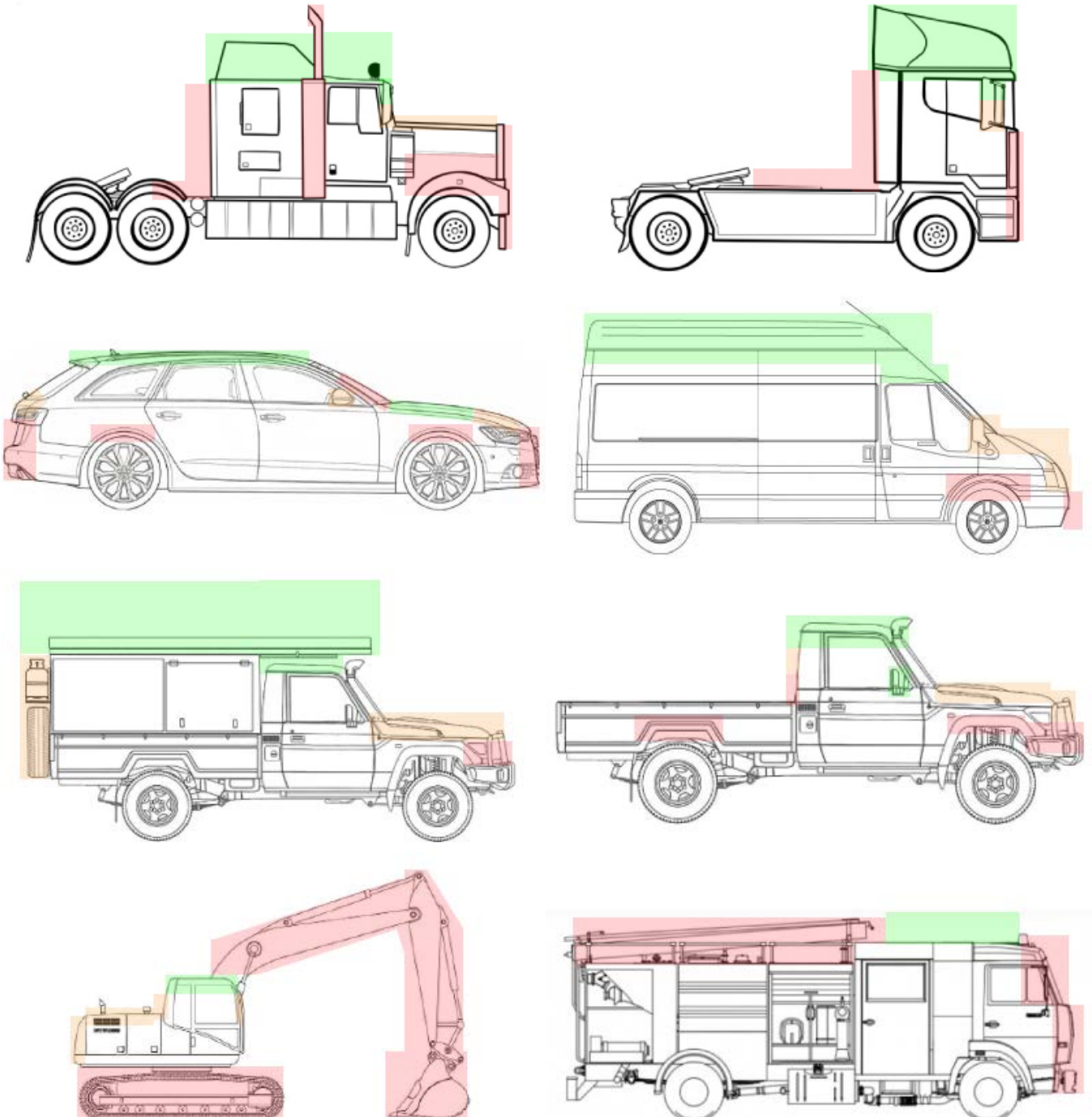
 <p>SKU: BBM-SS Wrap around bull bar mount, up to 50mm diameter bull bar tube 16mm mount hole Requires 10mm spanner</p>	 <p>SKU: BBMXL-SS Wrap around extra large bull bar mount, up to 76mm diameter bull bar tube 16mm mount hole Requires 10mm spanner</p>
 <p>SKU: ATLM-B Adjustable bonnet, boot and door jam mount. 360 rotational and 140 degree adjustment 16mm mount hole Includes 5mm and 2mm allen keys</p>	 <p>SKU: BBKB-B Knock-down antenna mount, powder coated black 16mm mount hole with 5.5mm cable hole</p>
 <p>SKU: MRM-SS 304 stainless steel clamp style mirror mount 16mm mount hole Requires 10mm spanner</p>	 <p>SKU: GM1 304 stainless steel 'L' mount bracket 16mm mount hole</p>
 <p>SKU: GM2 304 stainless steel 'Z' mount bracket 16mm mount hole</p>	 <p>SKU: GM6 304 stainless steel 'L' mount bracket 16mm mount slot</p>
 <p>SKU: A-6211 304 stainless steel offset mount bracket, 200mm offset 16mm mount hole</p>	

ZN4-77-06-W

White fibreglass coil wound whip and barrel spring base

UHF CB Radio 477 MHz

Vehicle Mounting locations



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