



ZN4-77-06-TCP

Heavy-duty dual whip town & country model

UHF CB Radio 477MHz



The ZN4-77-06-TCP is the perfect dual whip antenna solution for both inner city and country UHF CB requirements. The easily interchangeable whips for both low and medium gain applications.

The small 2.1dBi whip is suitable for inner city or extreme hilly terrain, the 6.6dBi whip is suitable for flat open terrain such as the Australian outback.

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

| | | |
|----------------------------------|---|----------------------|
| Construction | Black heatshrunk whips, chrome ferrules, chrome and delrin feed mount 'barrel' spring base and cable assembly - also available in white heatshrunk whip configuration - build-to-order only | |
| Whip type | Low gain ZN1-77-00 - stainless steel wire 1/4 wave whip Medium gain ZN1-77-04 - fibreglass phased coil whip | |
| Frequency range | UHF CB radio 477MHz | |
| Bandwidth | 476.4125-477.4125MHz - covering all 40/80 channels | |
| VSWR | <1.5:1 | |
| Tuning | Factory | |
| Gain | Low gain whip: 2.1 dBi Medium gain whip: 6.6dBi | |
| Impedance | 50 Ohms | |
| Maximum power | 25 watts | |
| Polarisation | Vertical | |
| Connector | FME female fitted to cable - for ease of installation | |
| Adaptor - supplied | FME male to UHF male PL259 | |
| Cable | 4.5 metres MIL-SPEC RG58 low loss, solid core, bottom exit from spring base | |
| Height | - Low gain - Medium gain | 403mm 900mm |
| Weight | - Low gain - Medium gain | 426grams 500grams |
| 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 15mm spanner for whip securing | |



FME female jack connector fitted to cable



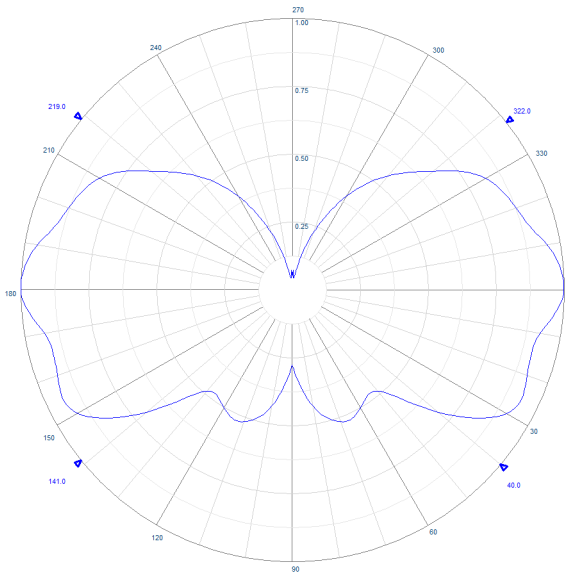
FME male to UHF Male PL259 adaptor



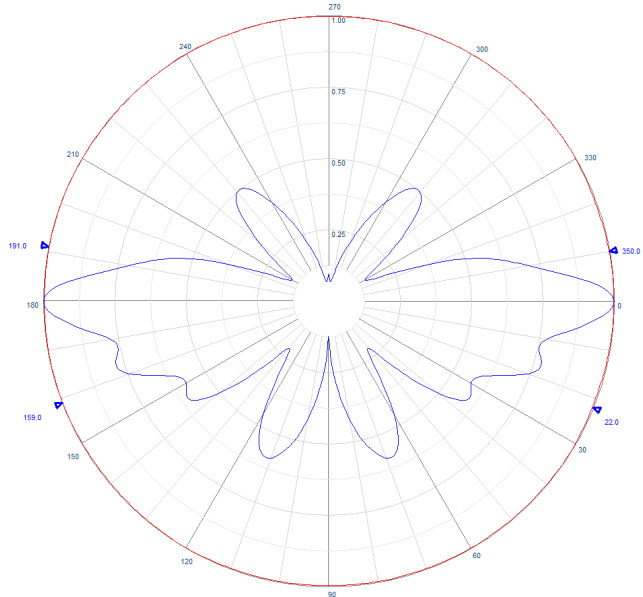
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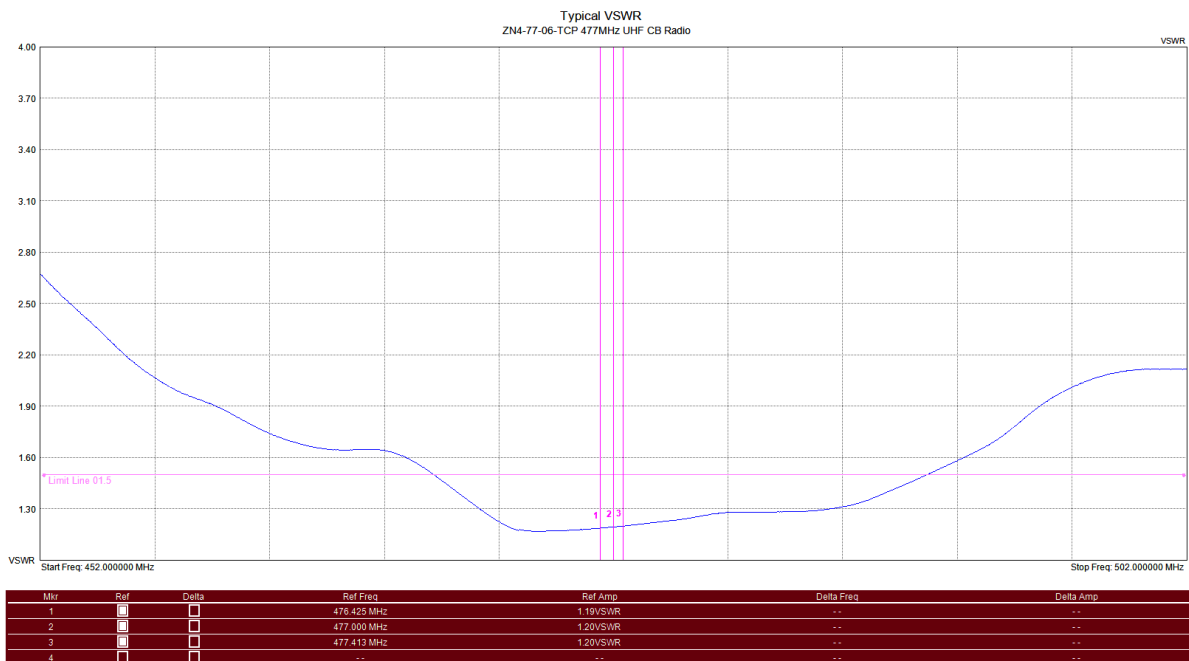
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Example radiation pattern - low gain whip



Example radiation pattern - high gain whip



Typical VSWR

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Recommended installation accessories

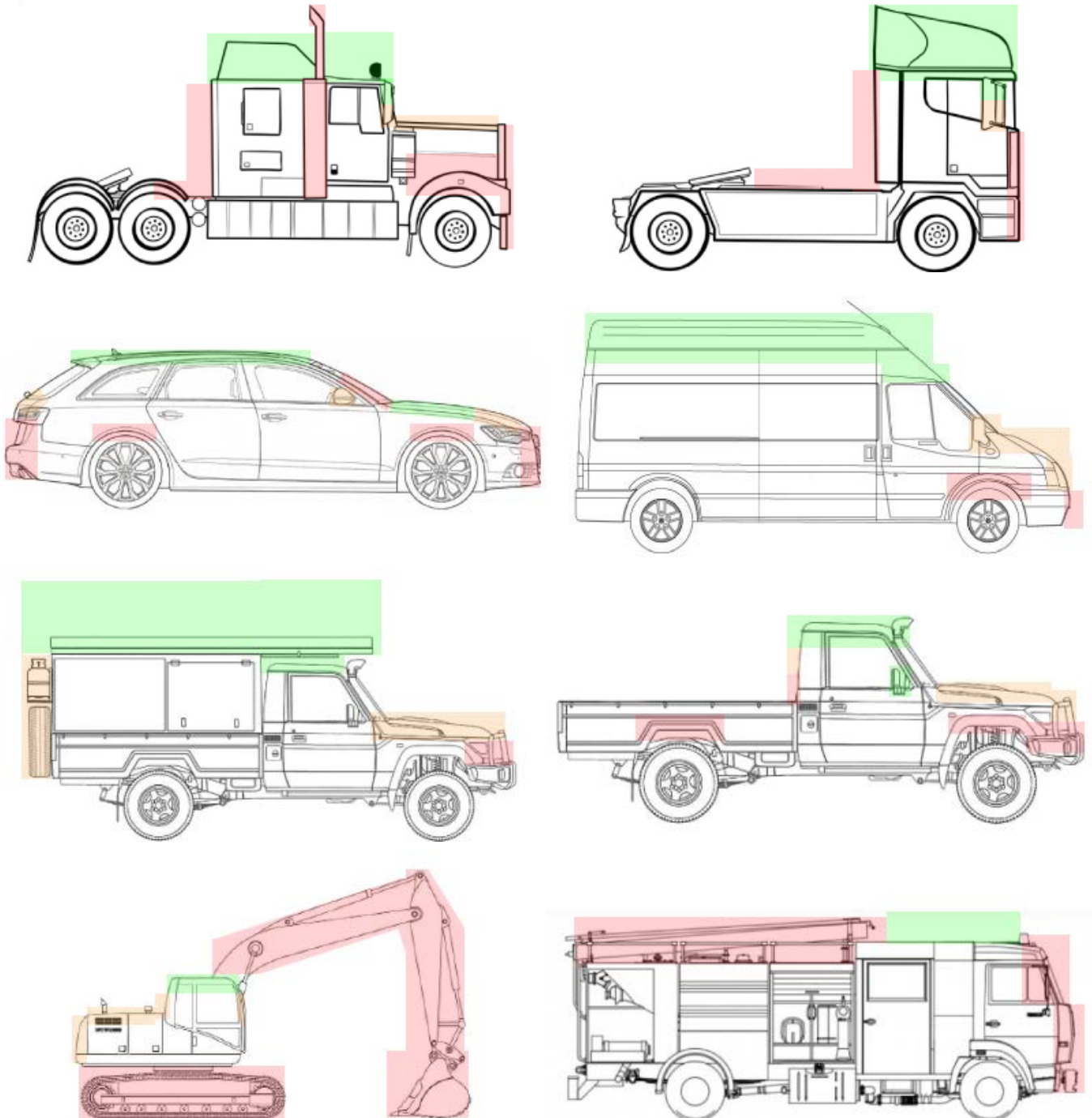
| | |
|--|---|
|  <p>BBM-SS - wrap around bull bar mount, up to 50mm diameter bull bar tube</p> <p>16mm mount hole</p> <p>Requires 10mm spanner</p> |  <p>BBML-SS - wrap around extra large bull bar mount, up to 65mm diameter bull bar tube</p> <p>16mm mount hole</p> <p>Requires 10mm spanner</p> |
|  <p>BBMXL-SS - wrap around extra large bull bar mount, up to 76mm diameter bull bar tube</p> <p>16mm mount hole</p> <p>Requires 10mm spanner</p> |  <p>BBKB-B - Rhino knock down antenna mount, powder coated black</p> <p>17mm mount hole with cable slot</p> |
|  <p>ATLM series - Adjustable bonnet, boot and door jam mount. 360 rotational and 140 degree adjustment</p> <p>16mm mount hole</p> <p>Black or Chrome</p> <p>Includes 5mm and 2mm allen keys</p> |  <p>GM1 - 304 stainless steel 'L' mount bracket</p> <p>16mm mount hole</p> |
|  <p>MRM-SS - 304 stainless steel clamp style mirror mount</p> <p>16mm mount hole</p> <p>Requires 10mm spanner</p> |  <p>GM2 - 304 stainless steel 'Z' mount bracket</p> <p>16mm mount hole</p> |
|  <p>A-6211 - 304 stainless steel offset mount bracket, 200mm offset</p> <p>16mm mount hole</p> | |

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Vehicle Mounting Locations



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