



ZN4-77-06-TCP

Heavy-duty dual whip town & country model

UHF CB Radio 477 MHz



The ZN4-77-06-TCP is the perfect dual whip antenna solution for both inner city and country UHF CB requirements. The easily inter-changeable 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	477 MHz - UHF CB Radio	
Bandwidth	476.4125 - 477.4125 MHz - covering all 40/80 channels	
VSWR	<1.5:1	
Tuning	Factory	
Gain	Low gain whip: 2.1 dBi - suits hilly terrain or CBD locations Medium gain whip: 6.6 dBi - suits flat to mild hilly terrain	
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



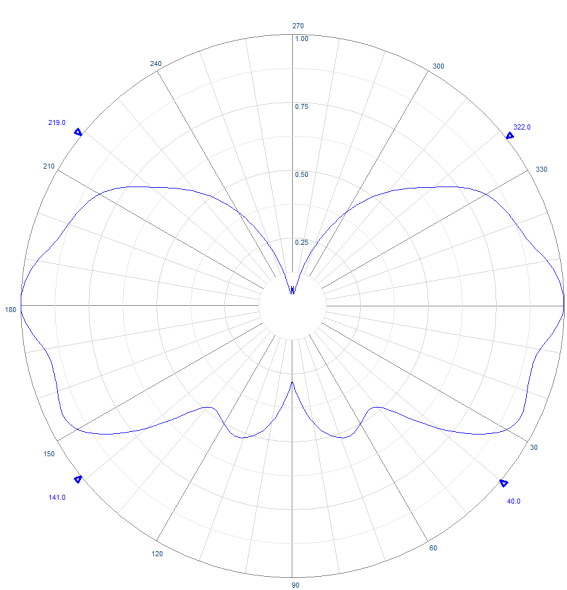
FME male to UHF Male PL259 adaptor



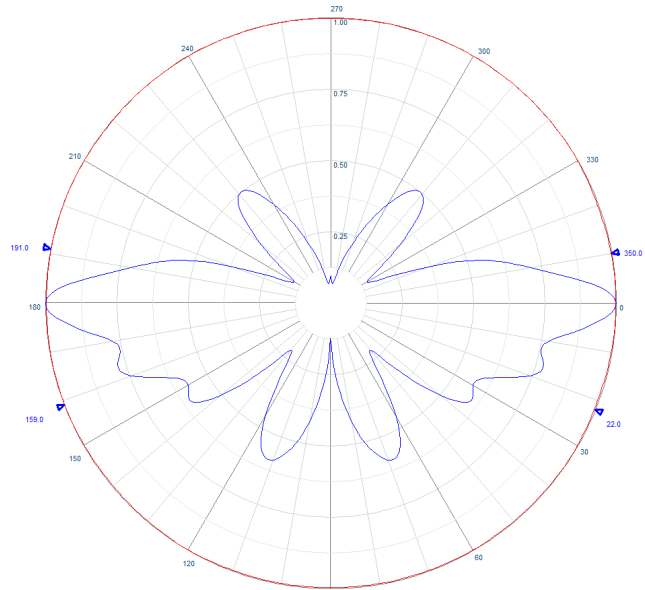
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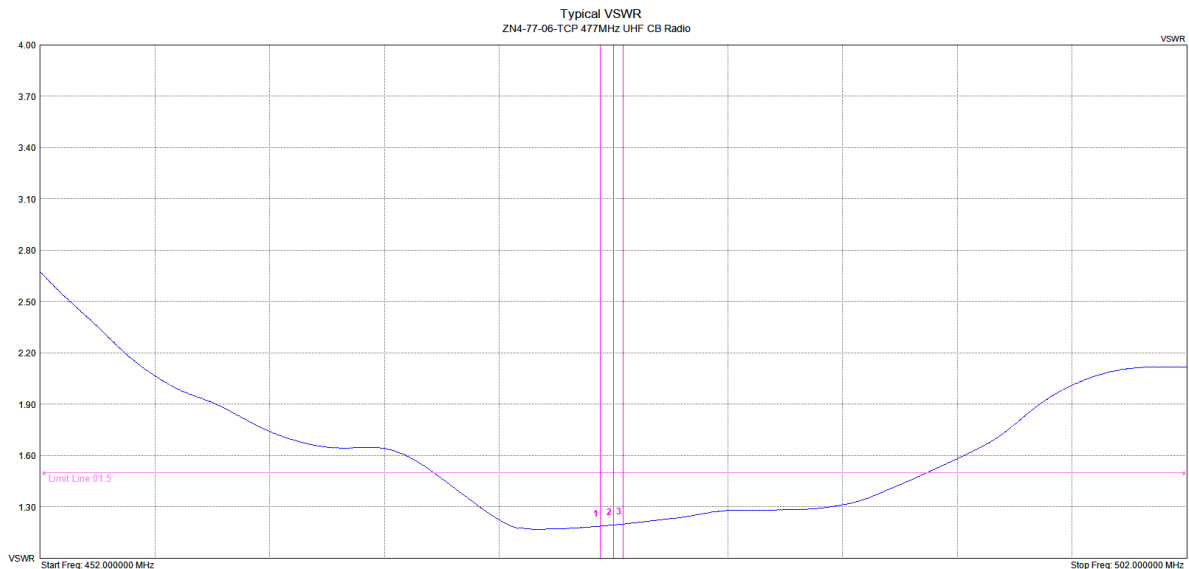
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Example radiation pattern - low gain whip



Example radiation pattern - high gain whip



Mtr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	470.425 MHz	1.19 VSWR	--	--
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	477.000 MHz	1.20 VSWR	--	--
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	477.413 MHz	1.20 VSWR	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

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 - 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</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

