

## ZN3-77-10 Series

### Medium-duty detachable spring base collinear UHF CB Radio 477MHz

The ZN3-77-10 series of UHF CB radio antennas are designed for vehicle mounting on smaller 4WD vehicles, utes and cars. The ZN3-77-10 suits slightly hilly terrain

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

	ZN3-77-10B	ZN3-77-10W
Colour	Black	White
Construction	Coloured fibreglass radome, aluminium ferrule, stainless steel 'barrel' spring, external coaxial cable and termination	
Frequency range	UHF CB radio 477MHz	
Bandwidth	476.425-477.4125MHz - all 40/80 channels	
VSWR	<1.5:1	
Tuning	Factory	
Gain	6.6dBi	
Maximum power	100 Watts	
Impedance	50 Ohms	
Polarisation	Vertical	
H Plane	360° omni-directional	
Cable	4.5 metres MIL-SPEC 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	1.1 metres	
Weight	925grams	
Mounting hardware order separate	Bullbar: BBM-SS, BBML-SS, BBMXL-SS or BBKB-B Bracket Mounting: GM1, GM2, 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 adaptor	
Installation tools required	18mm spanner for split nut securing on base	
Alternative models	- ZN3-77-04-TPM - highly flexible , 2.1dBi, 400mm - ZN3-77-11 series - heavy-duty, 6.6dBi, 1.2m - ZN3-77-12 series - super heavy-duty, 8.1dBi, 2.1m	



FME female jack connector fitted to cable



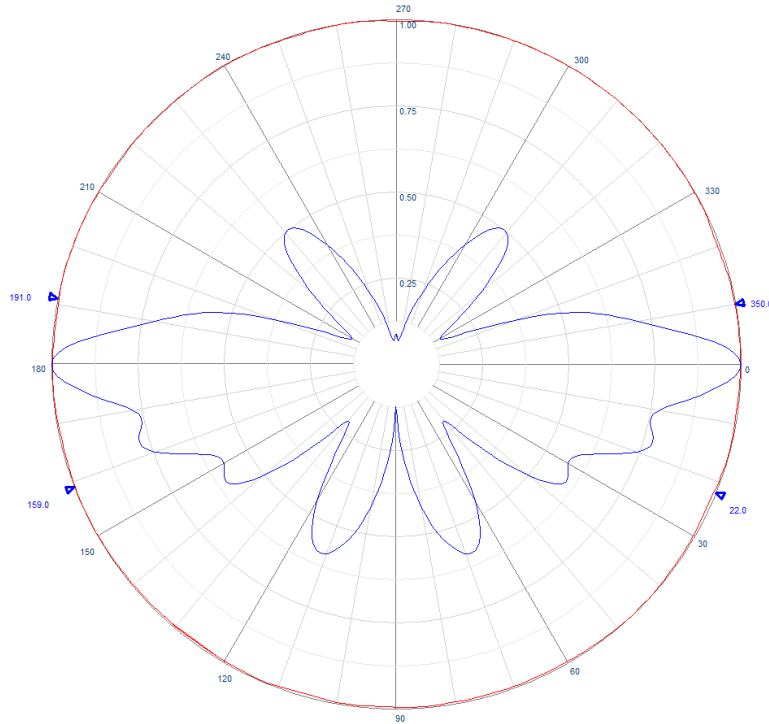
FME male to UHF Male PL259 adaptor



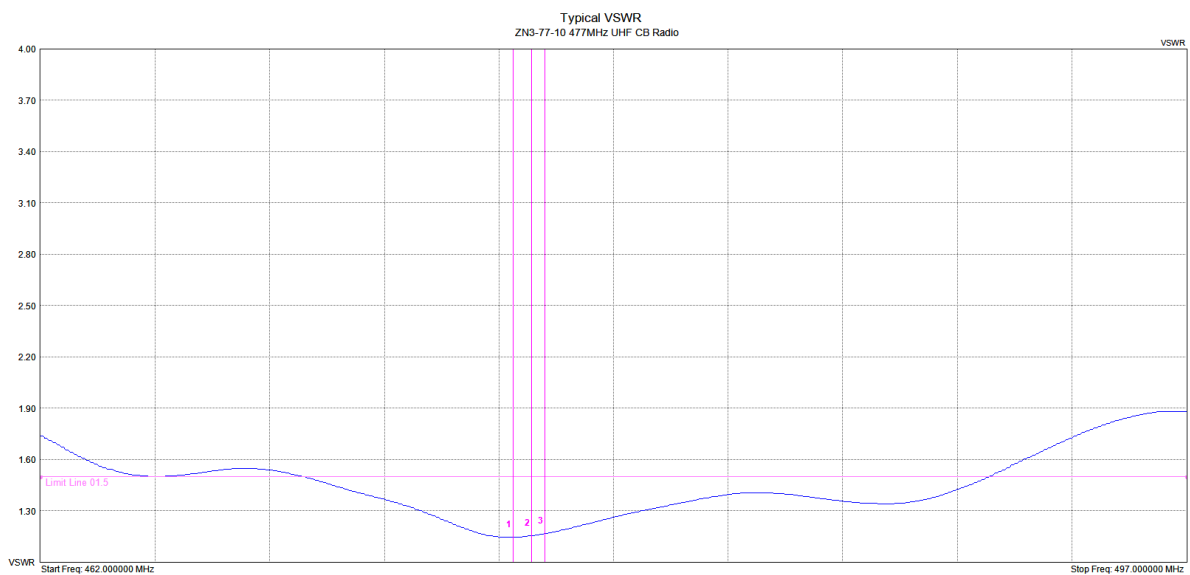
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Example radiation pattern



Mtr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	476.425 MHz	1.15VSWR	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	477.000 MHz	1.16VSWR	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	477.413 MHz	1.17VSWR	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Typical VSWR

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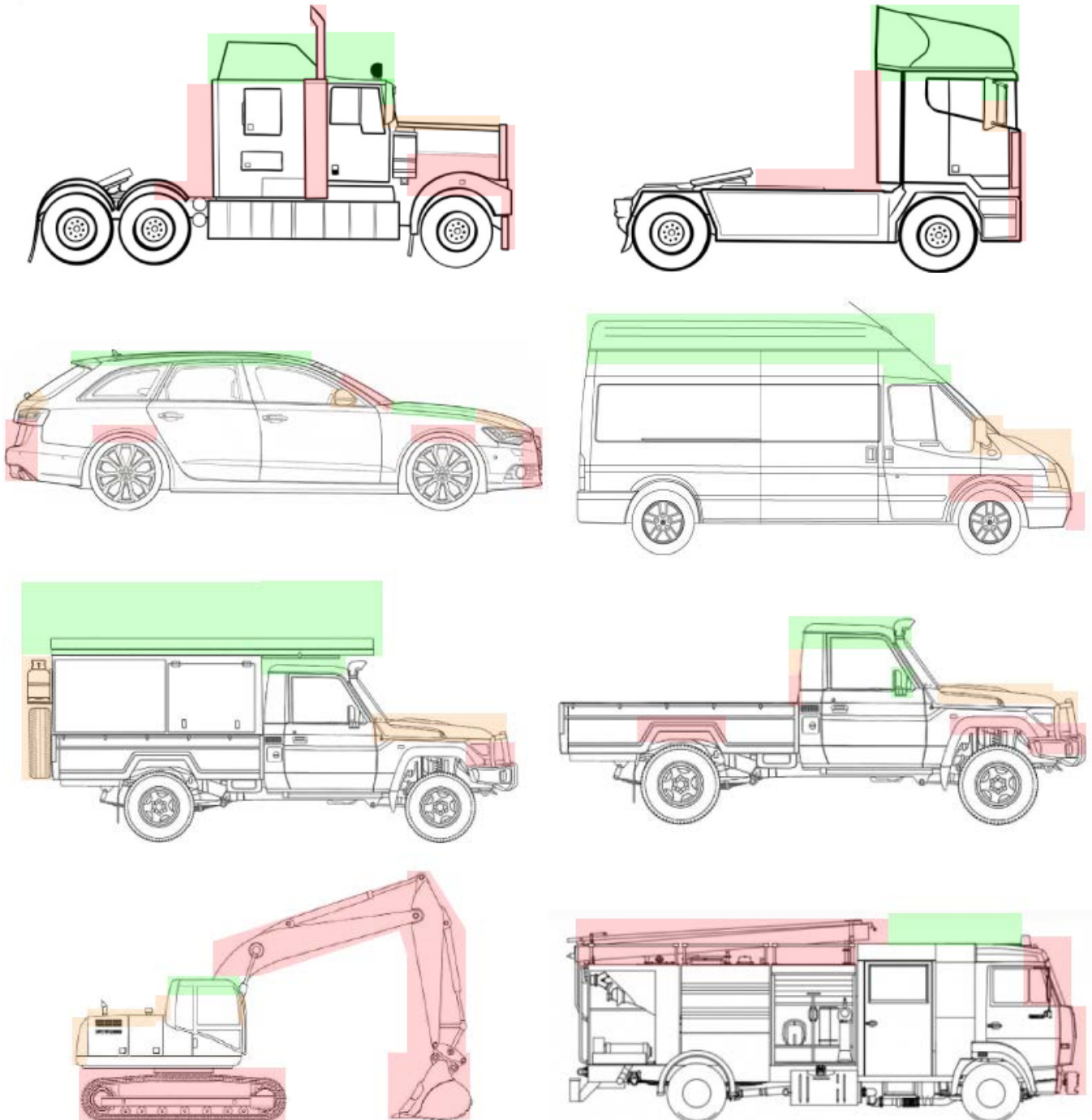
Recommended installation accessories



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Vehicle Mounting locations



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