



VHF-H series

VHF flexible helical whip with UHF male or N-type male

VHF high band 162.5MHz or 173MHz



The VHF-H series are ground independent, flexible, helical whip specifically designed for the VHF frequency 162.5MHz or 173MHz. The frequency can be customised to a specified frequency, please contact ZCG for more information.

The VHF-H series do not come supplied with a cable base, please specify requirements when ordering or contact ZCG for assistance with a custom mounting solution.

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

	VHF-H150	VHF-H162	VHF-H162-NM	VHF-H173
Construction	Heatshrink helical whip and black delrin ferrule			
Frequency range	VHF 150MHz - or specify custom frequency	VHF 162.5MHz - or specify custom frequency	VHF 162MHz - or specify custom frequency	VHF 173MHz - or specify custom frequency
Bandwidth	1MHz around frequency			
VSWR	<1.5:1			
Tuning	Factory			
Gain	2.1dBi			
Impedance	50 Ohms			
Maximum power	25 Watts			
H Plane	360° omni-directional			
Connector - fitted	UHF male in base of ferrule		N-type male in base of ferrule	UHF male in base of ferrule
Height	480mm			
Weight	210grams			
Mounting hardware order separate	Cable base: RA-4.7 or RA6.0 Magnetic base: MGB-UHF		Consult ZCG for available options	Cable base: RA-4.7 or RA6.0 Magnetic base: MGB-UHF
Mounting position recommended	As high on your vehicle/structure as possible using an appropriate base with 16mm holed bracket or magnetic base with an opposite gender termination			



VHF-H162 & VHF-H173 with UHF male in base

VHF-H162-NM with N-type male in base

New Product

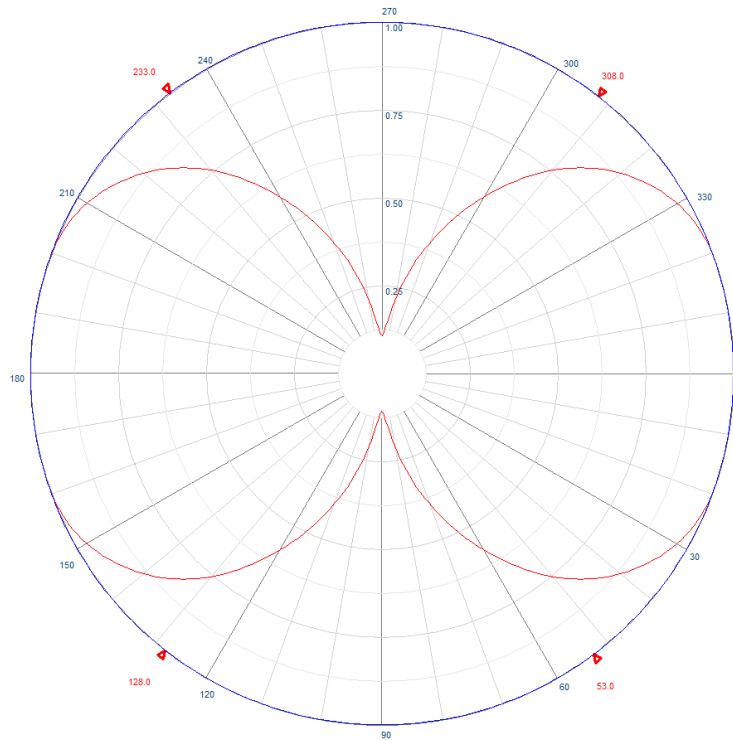
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East Gippsland

VHF-H series

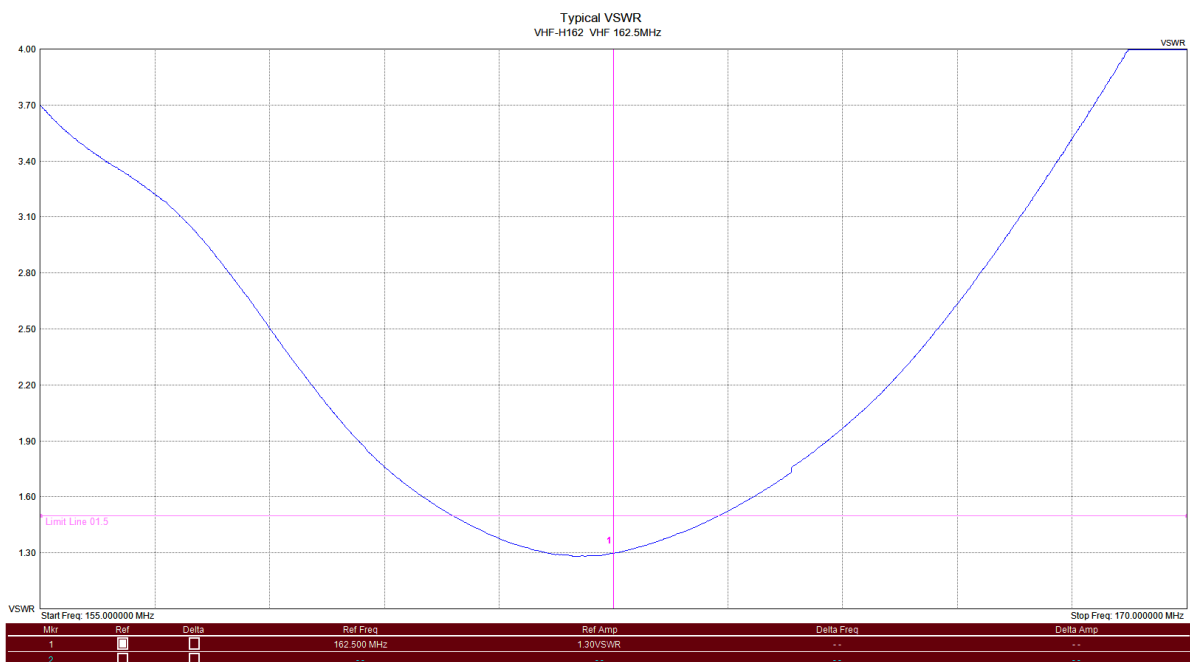
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Build
To
Order



Example radiation pattern - VHF-H series



Typical VSWR - VHF-H162

New Product

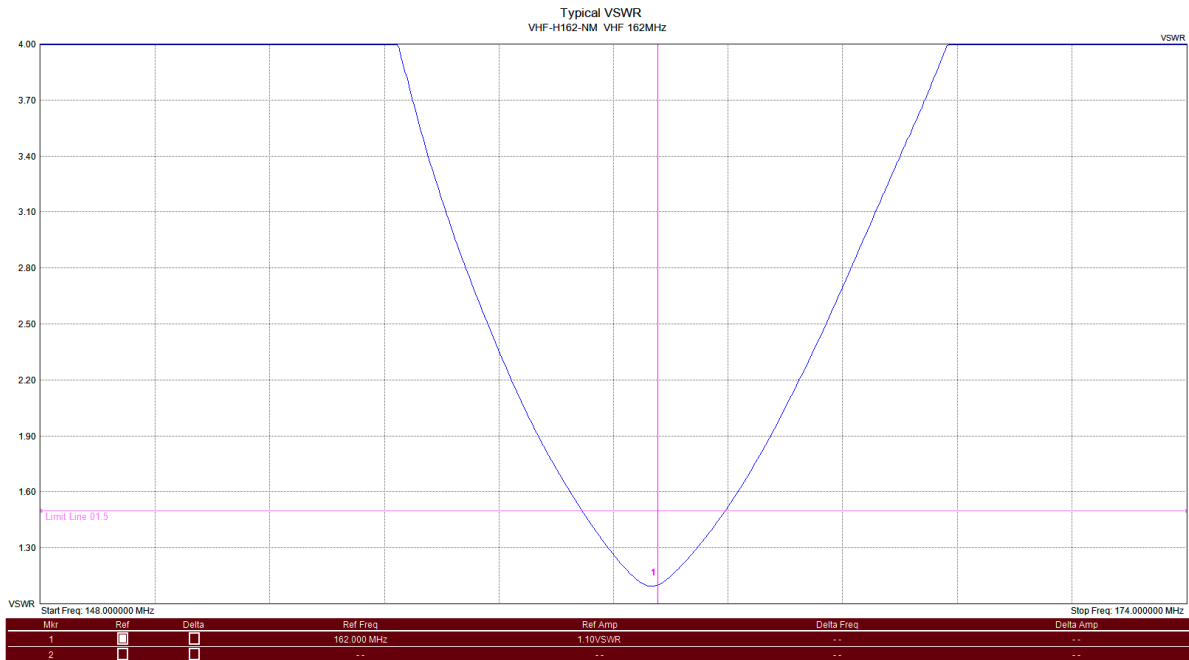
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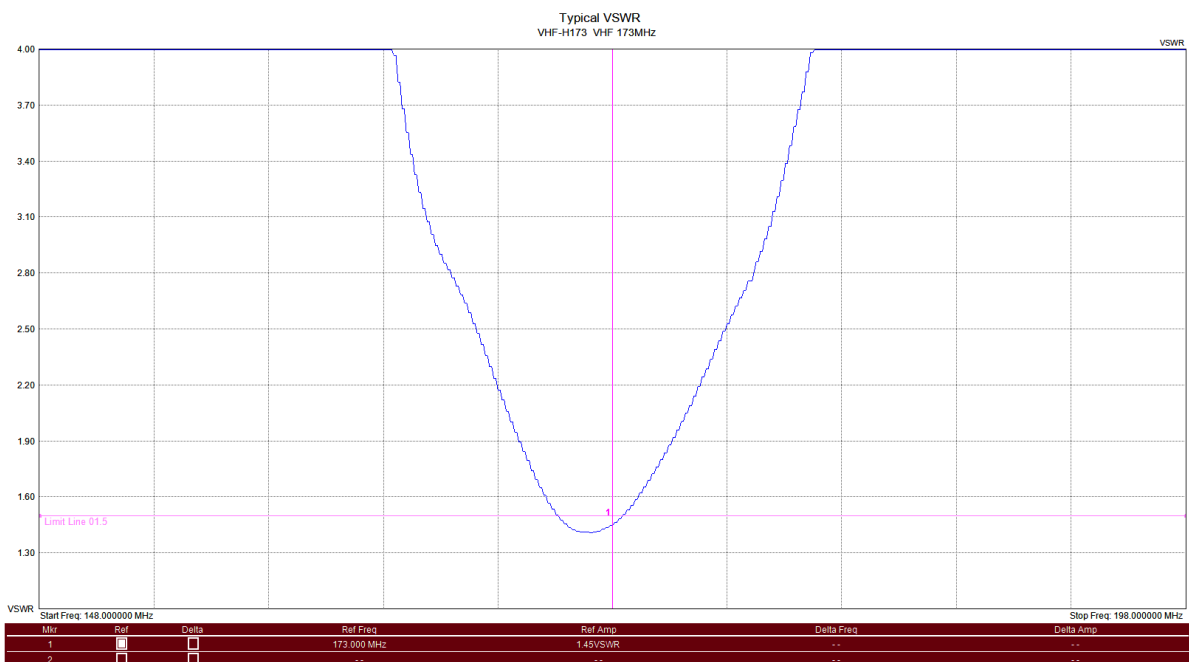
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Typical VSWR - VHF-H162-NM



Typical VSWR - VHF-H173

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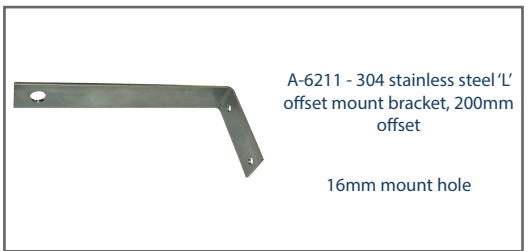
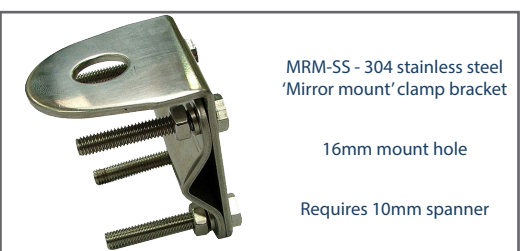
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Recommended installation accessories - GRN-TPM series



Additional installation accessories



New Product

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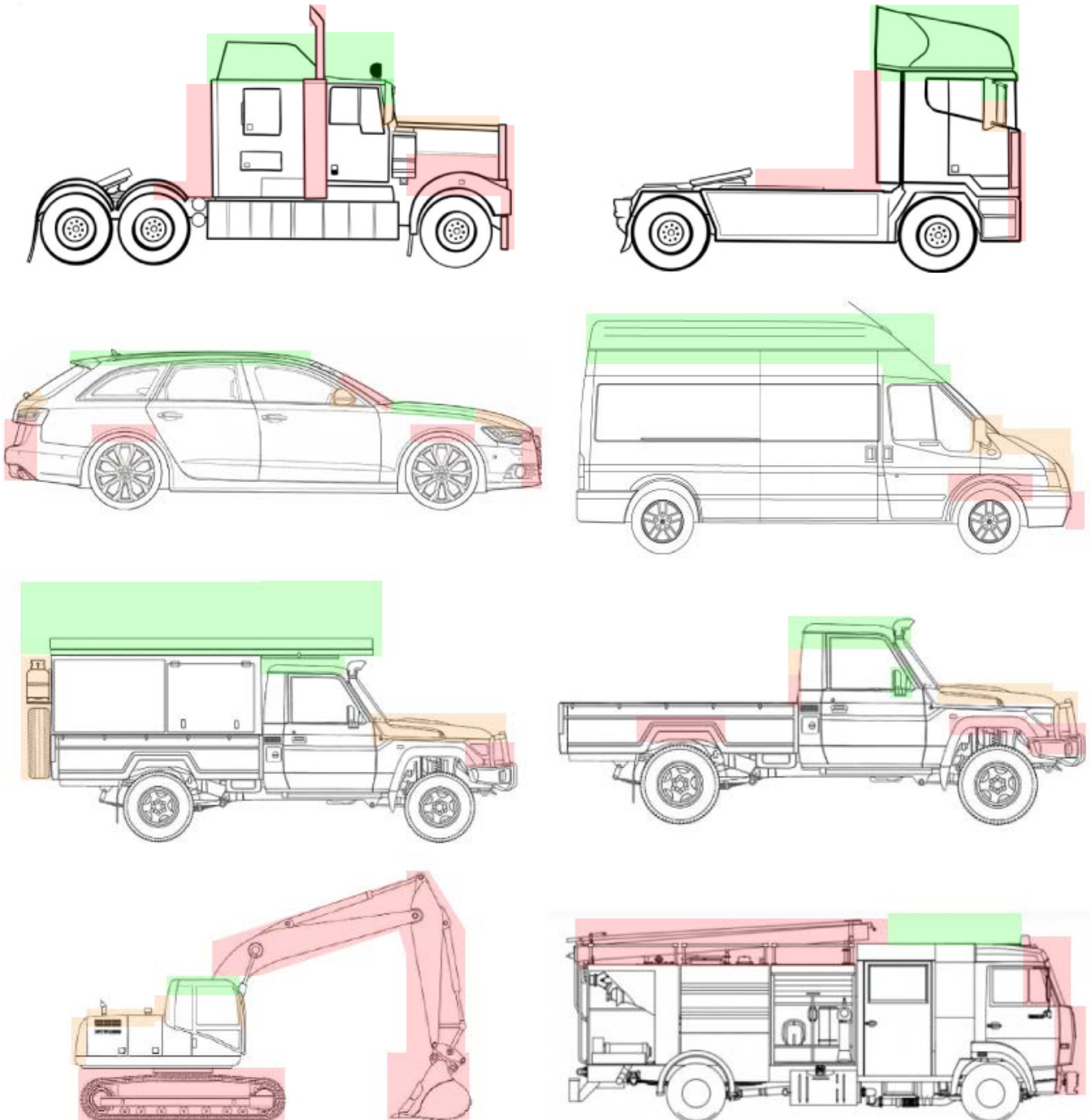
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Build To Order

Vehicle Mounting Locations



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