



## GRH Series

“Quick Fit” or fixed cable ground independent VHF whip

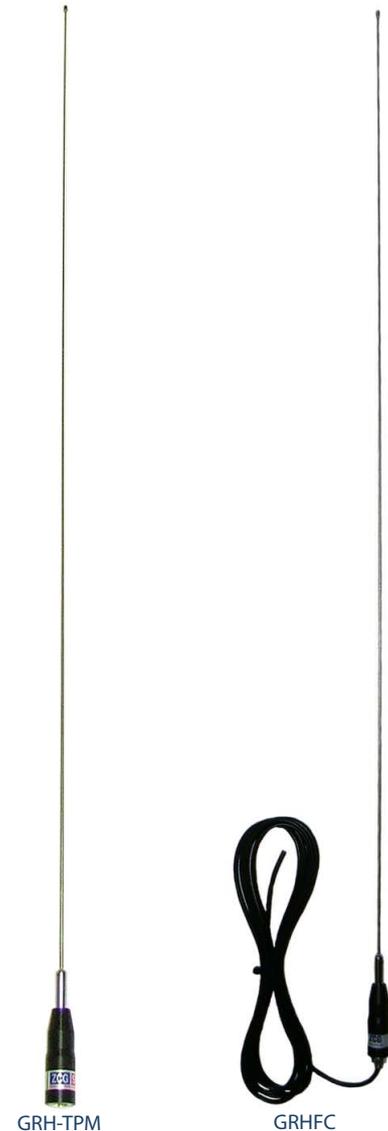
VHF high band 148-174MHz



The GRH series of “Quick-Fit” ground independent, half wave, end fed antennas are ideally suited for vehicle or fixed position mounting using the appropriate bracket.

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

	GRH	GRH-TPM	GRHFC*
Construction	304 grade stainless steel whip, black delrin base and cable assembly		
Includes	Antenna top, detachable cable base	Antenna top only	Antenna with fixed cable
Detachable top	Yes		No
Frequency range	VHF high band 148-174MHz		
Bandwidth	Field to to any 4MHz		
Tuning	Field tune whip once installed using SWR meter		
VSWR	<1.5:1 - a trimming guide is provided on install guide		
Gain	2.1dBi		
Maximum power	50 Watts		
Impedance	50 Ohms		
Polarisation	Vertical		
H Plane	360° omni-directional		
Height	1.17 metres - prior to tuning		
Weight	460grams	175grams	400grams
Cable	RA6.0 cable base	None	Fixed 4.5 metres
Connector	BNC male fitted to cable	UHF male PL259 embedded in base	Order separate
Mounting hardware order separate	Bull bar: BBM-SS, BBML-SS or BBM-SS Truck Mirror: MRM-SS Bracket Mounting: GM1, GM2, GM6 or A-6211 Spring base: 1270 or 1269 - GRHFC only		
Mounting position recommended	As high on your vehicle/structure as possible using a minimum 16mm hole - GRH, or 10mm hole - GRHFC, or appropriate bracket with appropriate hole		
Installation tools required	18mm and 25mm spanner	Determined by mount base	14mm spanner for split nut securing



GRH-TPM

GRHFC

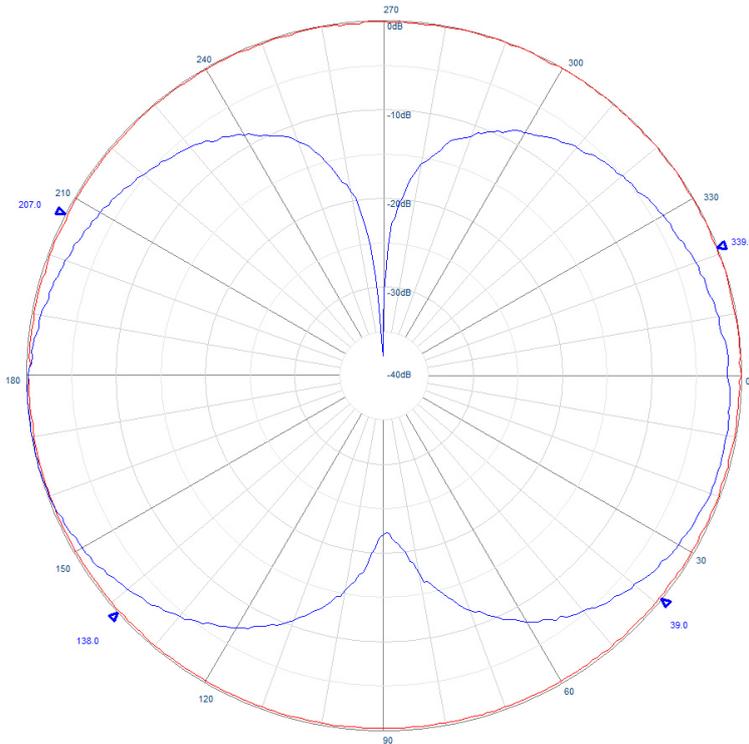


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VHF high band 148-174MHz

  
In-stock  
Ready to  
Ship  
\* Signifies build to order item



Example radiation pattern



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### Recommended installation accessories - GRH-TPM



P/N 7944 - right-angle UHF female connector, no cable

Requires 16mm mount hole  
Requires 18mm & 25mm spanners



RA-4.7 - right-angle UHF female terminated 4.7m MIL-SPEC RG58A/U cable and UHF male PL259 connector supplied

Requires 16mm mount hole  
Requires 18mm & 25mm spanners



MGB-UHF - Black powdercoated magnetic mount base, 4.7 metres MIL-SPEC RG58A/U coaxial cable, UHF male PL259 supplied

105mm diameter



ZMB-90 - Black powdercoated magnetic mount base, 5 metres MIL-SPEC RG58A/U coaxial cable, UHF male PL259 fitted

90mm diameter

### Additional installation accessories



BBM-SS series - wrap around mount, 50-70mm diameter tube capability

16mm mount hole

Requires 10mm spanner



GM1 - 304 stainless steel 'L' mount bracket

16mm mount hole



GM2 - 304 stainless steel 'Z' mount bracket

16mm mount hole



GM6 - 304 stainless steel 'L' mount bracket with mount slot

16mm mount slot



MRM-SS - 304 stainless steel 'Mirror mount' clamp bracket

16mm mount hole

Requires 10mm spanner



A-6211 - 304 stainless steel 'L' offset mount bracket, 200mm offset

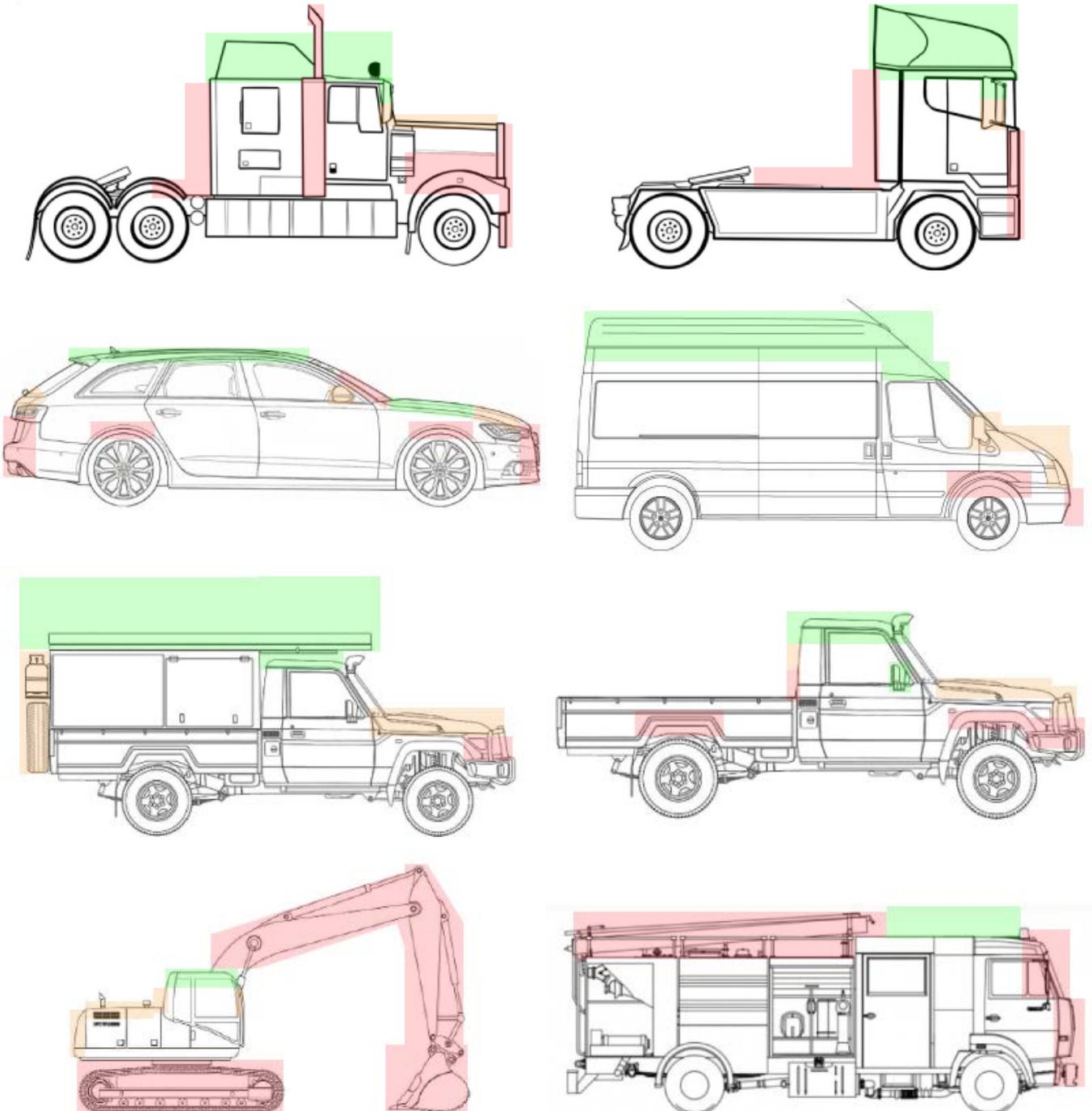
16mm mount hole

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Vehicle Mounting locations



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