GID-M series

UHF Ground Independent elevated feed antenna
UHF / TE.T.RA 400-520 MHz

Australian manufactured in East Gippsland

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

The GID series of elevated feed, ground independent antennas offer effective performance with good gain suitable for TE.T.RA applications. The modest size and light-duty construction without a spring base make these antennas an excellent choice for light-duty vehicles or fixed position mounting using an appropriate bracket. For heavy-duty applications consider one of our spring based range

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

		GID-M Series	GID-MB Series
Construction		Black/polished steel whip, delrin and chrome base	Black heatshrunk fibreglass whip, delrin and chrome base
Frequency range	400 - 420 MHz 420 - 440 MHz 450 - 470 MHz 470 - 490 MHz 500 - 520 MHz	GID-M410 - black tip* GID-M430 - brown tip* GID-M460 - red tip* GID-M480 - blue tip* GID-M510 - yellow tip*	GID-MB410 - white band* GID-MB430 - brown band* GID-MB460 - red band* GID-MB480 - blue band
Bandwidth		Full frequency range stated/selected	
VSWR		<1.5:1 at C/F, <2:1 on edges	
Tuning		Factory	
Gain		6.2 dBi	
Maximum power		50 Watts	
Impedance		50 Ohms	
Polarisation		Vertical	
H Plane		360° omnidirectional	
Cable		4.5 metres RG58 low loss, bottom exits from base	
Connector		UHF male PL259 supplied, not fitted	
Height		GID-M410 - 930mm GID-M430 - 890mm GID-M460 - 840mm GID-M480 - 800mm GID-M510 - 780mm	GID-MB410 - 960mm GID-MB430 - 940mm GID-MB460 - 870mm GID-MB480 - 850mm
Weight		590grams	
Mounting accessories order separate		Bullbar: BBM-SS, BBML-SS, BBMXL-SS or BBKB-B Truck Mirror: MRM-SS Bracket Mounting: GM1, GM2, GM6 or ATLM series	
Mounting position recommended		As high on your vehicle/structure as possible using a minimum 10mm hole or appropriate bracket with a 10mm hole	
Installation tools required		14mm spanner for split nut securing	

UHF Male connector PL259 supplied not fitted

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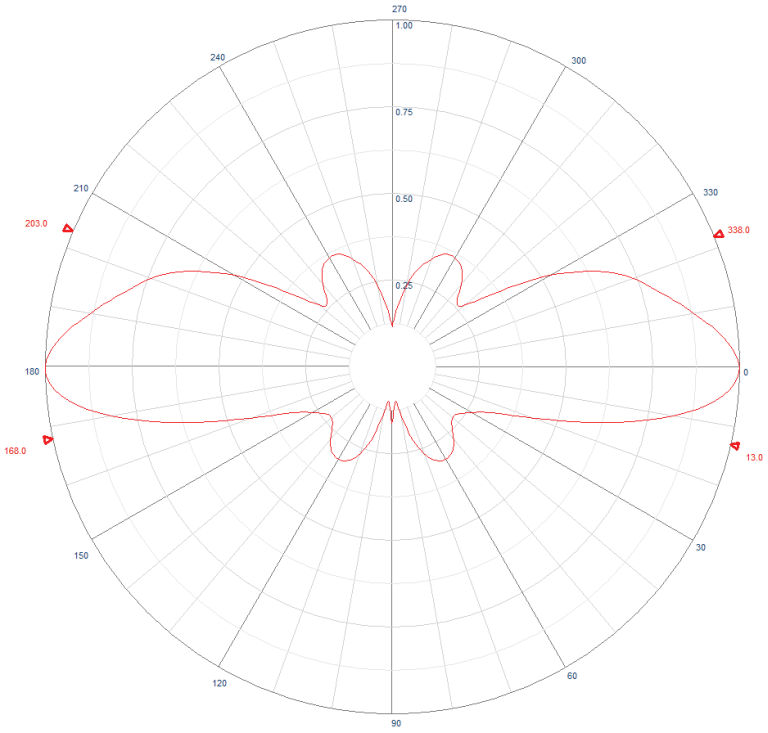
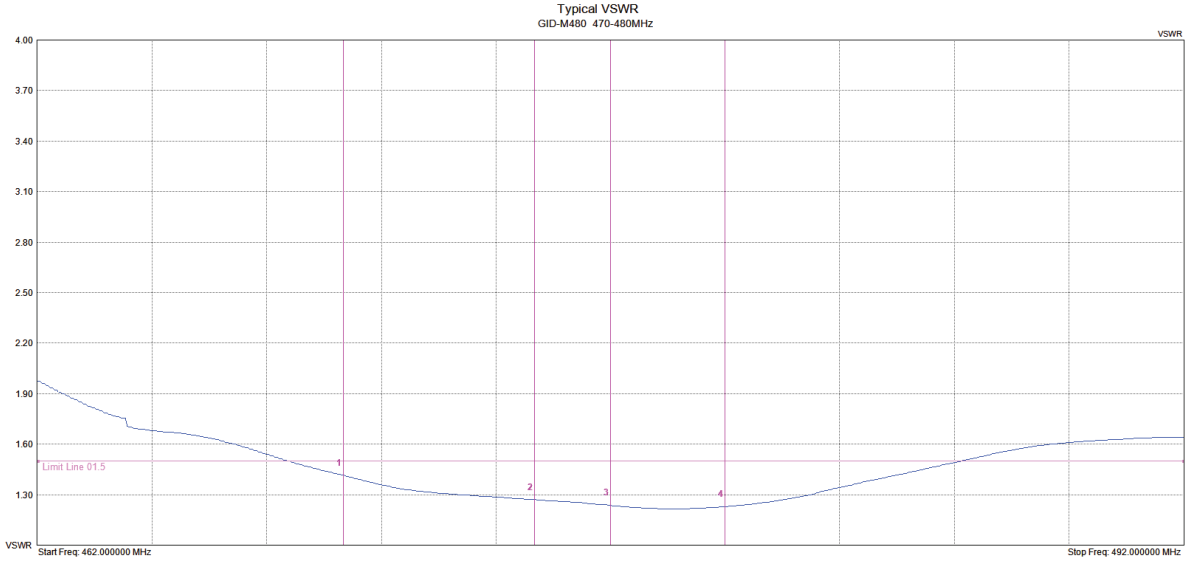


Example radiation pattern



Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1			470.000 MHz	1.41VSWR	--	--
2			475.000 MHz	1.27VSWR	--	--
3			477.000 MHz	1.24VSWR	--	--
4			480.000 MHz	1.23VSWR	--	--
5			--	--	--	--

Typical VSWR - GID-MB480

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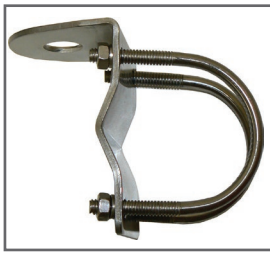
Recommended installation accessories



BBM-SS - wrap around bull bar mount, up to 50mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner

BBML-SS - wrap around extra large bull bar mount, up to 65mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner

BBMXL-SS - wrap around extra large bull bar mount, up to 76mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner

BBKB-B - Rhino knock down antenna mount, powder coated black

17mm mount hole with cable slot

ATLM series - Adjustable bonnet, boot and door jam mount. 360 rotational and 140 degree adjustment

16mm mount hole

Black or Chrome

Includes 5mm and 2mm allen keys

Alternate Spring base

A-1270 - Parallel heavy-duty mount spring, includes base mount bolt

Requires 19mm spanner

Can be fitted during manufacture

Alternate Spring base

A-1269-14 - 'Barrel' stainless steel spring base with 50mm base extension. Suitable for behind bull bar mounting or wing mirror bracket mounting

Requires 19mm spanner

Can be fitted during manufacture

Alternate Spring base

A-1269-12 - 'Barrel' stainless steel spring base with threaded stud and split nut

Requires 19mm spanner

Can be fitted during manufacture

Alternate fixed mounting

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

16mm mount hole

Alternate fixed mounting

A-4115-2 - Aluminiuum offset mount bracket, 40mm offset

12.7mm mount hole

Alternate magnetic mounting

MGB - Black powdercoated magnetic mount base, 105mm diameter

16mm mount hole

Alternate magnetic mounting

A-2845 - Tri-magnet powdercoated magnetic mount base

13mm mount hole

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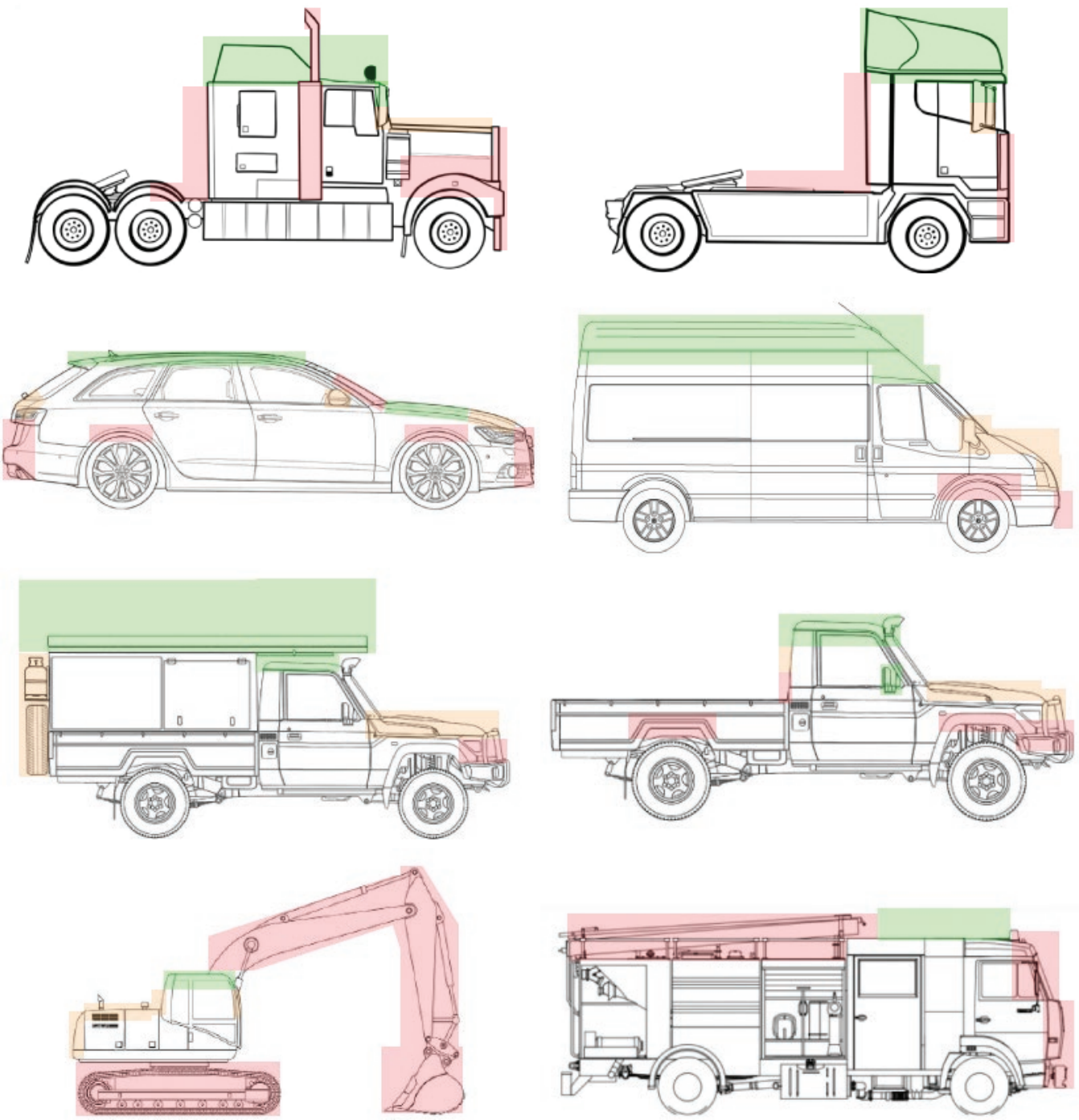
Vehicle Mounting locations



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