



GIDM-800

Ground independent elevated feed whip

Lower 4G, 3G & 2G 825-890MHz



The GIDM-800 is a ground independent, antenna specifically designed and manufactured for full coverage of the lower 4G/3G/2G network (Telstra within Australia) suitable for wireless data transfer, mobile phone improvement or telemetry applications. The GIDM-800 design of a 1/4λ whip, over a 1/4λ elevated feed mimicking a ground plane, results in this antenna being ground independent. Ideally suited for vehicle and industrial applications.

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



Construction	Black heatshrunk whip, stainless steel and black nylon elevated feed base and cable assembly
Frequency range	Lower 4G, 3G & 2G 825-890MHz Telstra within Australia
Bandwidth	Full frequency range
VSWR	<1.6:1 - average <1.9:1 - maximum
Tuning	Factory
Gain	2.1 dBi
Maximum power	5 Watts
Impedance	50 Ohms
Polarisation	Vertical
Cable	4.5 metres MIL-SPEC RG58 low loss, solid core - bottom exit from base
Connector	FME female fitted to cable as standard or specify
Height	220mm
Weight	280grams
Mounting hardware order separate	Hole: minimum 16mm diameter Bracket: GM1, GM2, GM6, BBM series, BBKB-B, MRM-SS or A-6211
Mounting position recommended	As high on your structure as possible using an appropriate 16mm mount hole or bracket
Installation tools required	14mm spanner for split nut securing

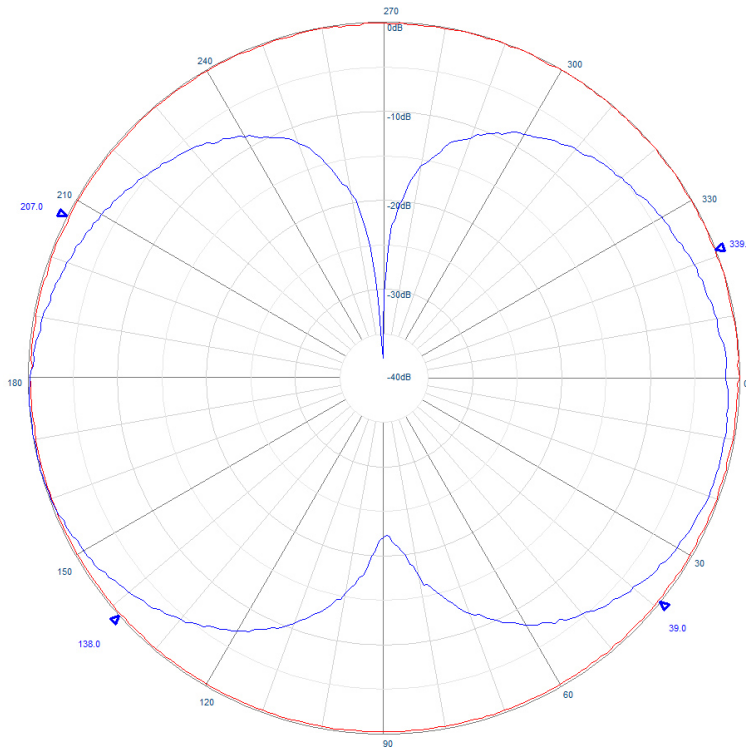


FME female fitted to cable as standard or specify requirements

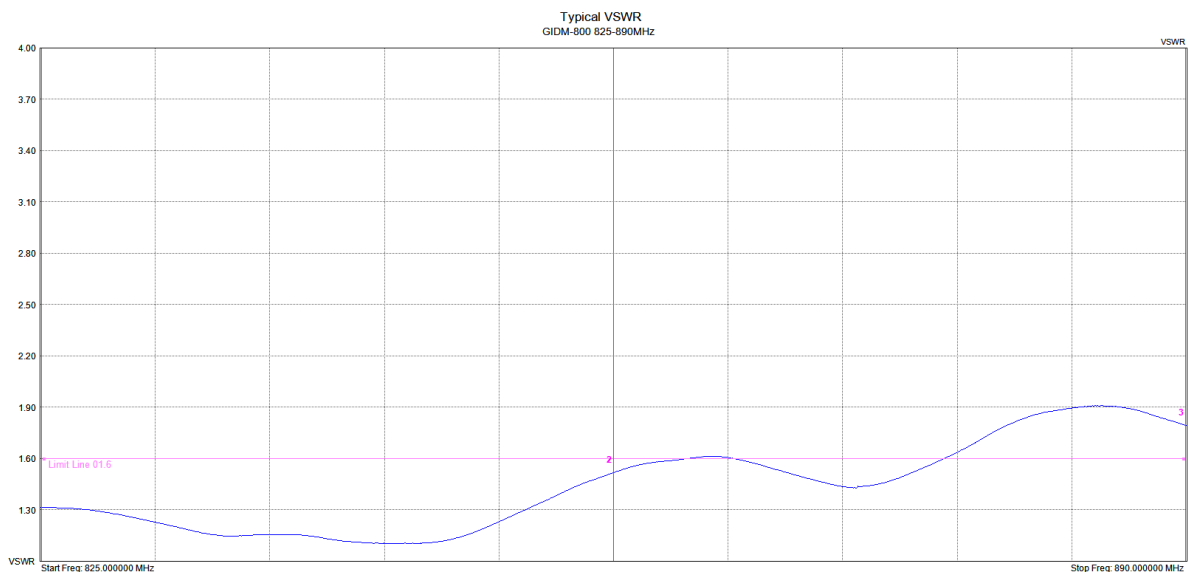
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Example radiation pattern



Mtr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	825.030 MHz	1.31VSWR	--	--
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	857.515 MHz	1.52VSWR	--	--
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	889.941 MHz	1.79VSWR	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Typical VSWR at 820-960MHz

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Recommended installation accessories



Typical alternate Connectors

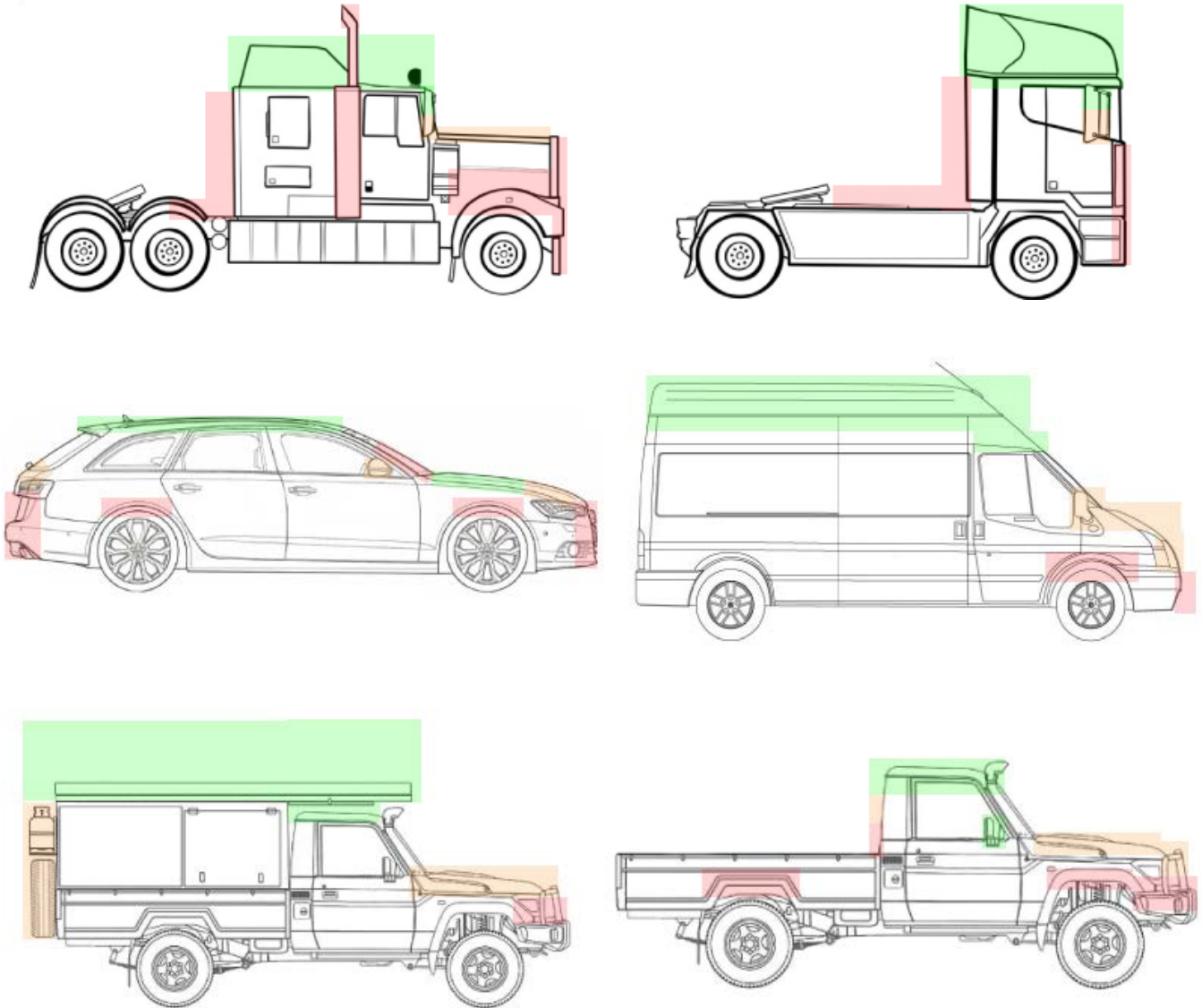





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Vehicle Mounting locations



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