



GID-M70T/M90T Series

Mobile phone/ wireless data improvement elevated feed whip

All networks 4G LTE or lower 4G/3G 820-890MHz or 890-960MHz



GID-M90T ground independent antennas are useful for mobile phone and data network coverage improvements, telemetry applications or remote control of assets within the 4G LTE or 4G/3G.



These models are a modest size and will deliver excellent performance. No metal ground plane is necessary for the antenna to operate effectively.

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

	GID-M70T	GID-M90T-NextG-SS	GID-M90T-GSM
Construction	Black powdercoated phase coil whip, stainless steel and delrin base and coaxial cable assembly		Black powdercoated phase coil whip, chrome and delrin base and coaxial cable assembly
Frequency range	All networks 4G LTE 703-748MHz	Lower 4G/3G 825-890MHz Telstra within Australia	Lower 4G/ 3G 890-960MHz Optus & VHA within Australia
VSWR	<1.8:1	<1.6:1 - average <2:1 - maximum	
Tuning	Factory		
Gain	5.1dBi		
Maximum power	5 Watts		
Impedance	50 Ohms		
Polarisation	Vertical		
Cable	4.5 metres RG58 low loss exits bottom of base		
Connector	FME female fitted to cable - for ease of installation		
Height	550mm	450mm	400mm
Weight	350grams		
Mounting hardware order separate	Secure to any minimum 10mm hole or appropriate bracket with a minimum 10mm hole using the split nut attached.		
Mounting position recommended	As high on your vehicle/ structure as possible using an appropriate mount hole or bracket		
Installation tools required	14mm spanner for split nut securing		



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GID-M70T



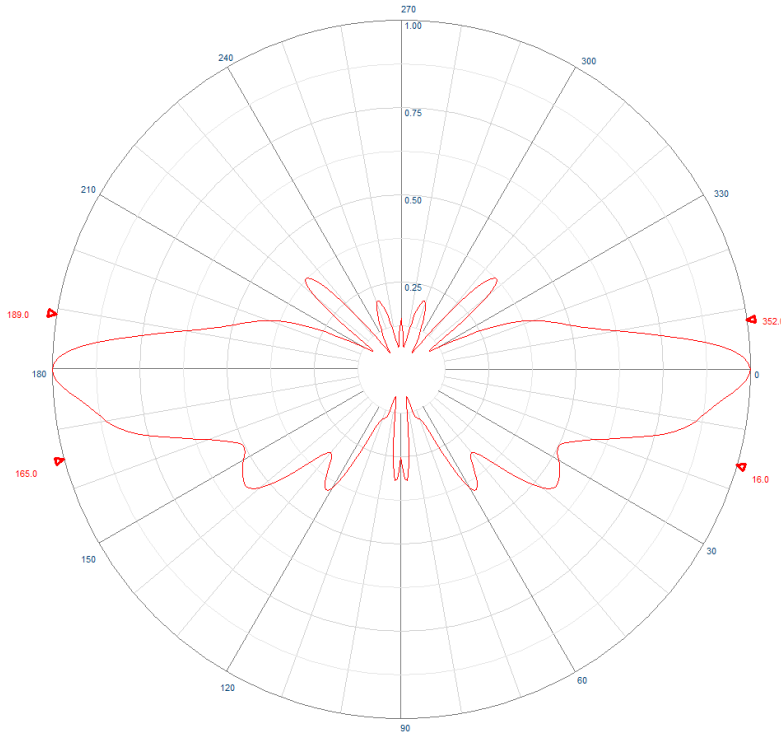
FME female fitted as standard or specify requirements



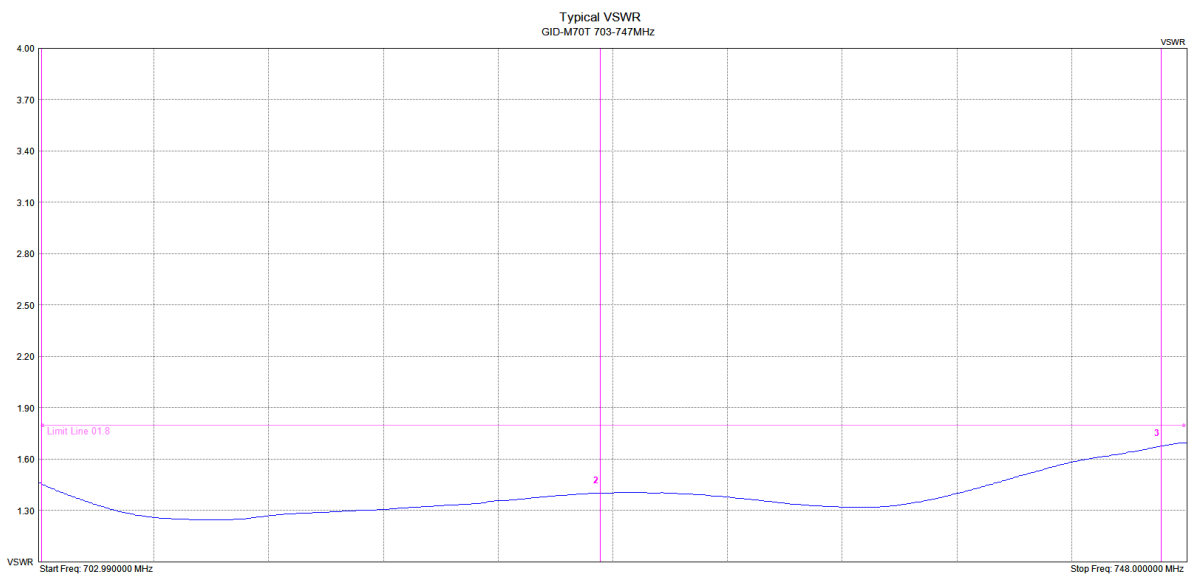
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Example radiation pattern



Mtr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	703.072 MHz	1.48VSWR	--	--
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	725.000 MHz	1.40VSWR	--	--
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	747.000 MHz	1.68VSWR	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

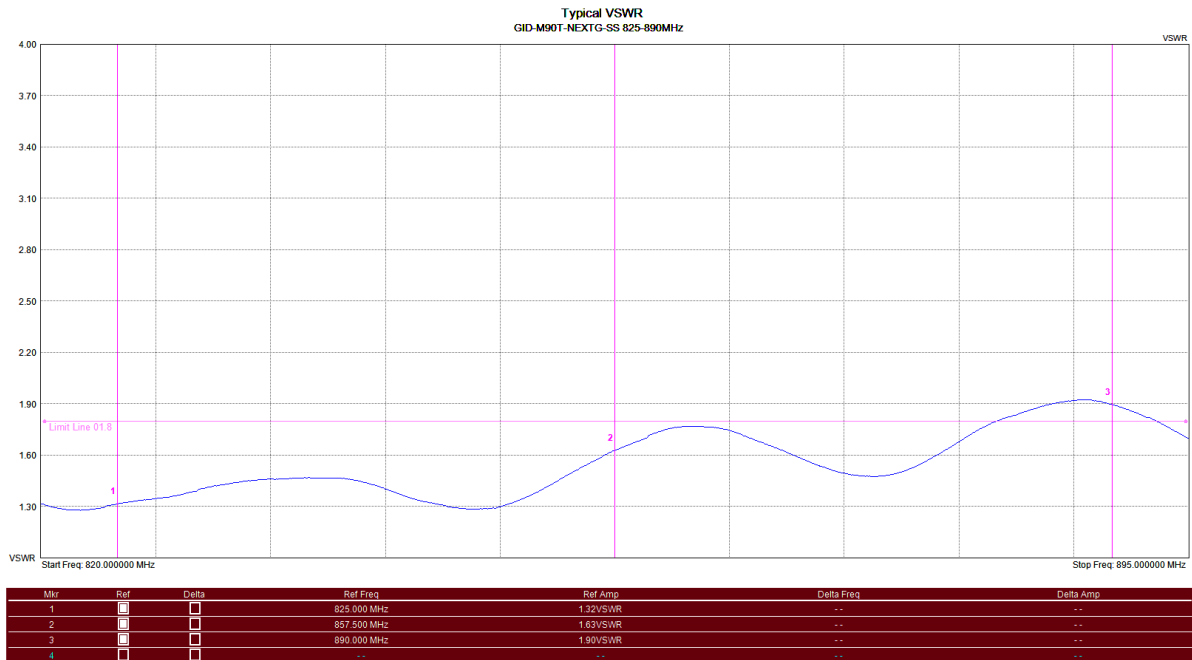
Typical VSWR - GID-M70T



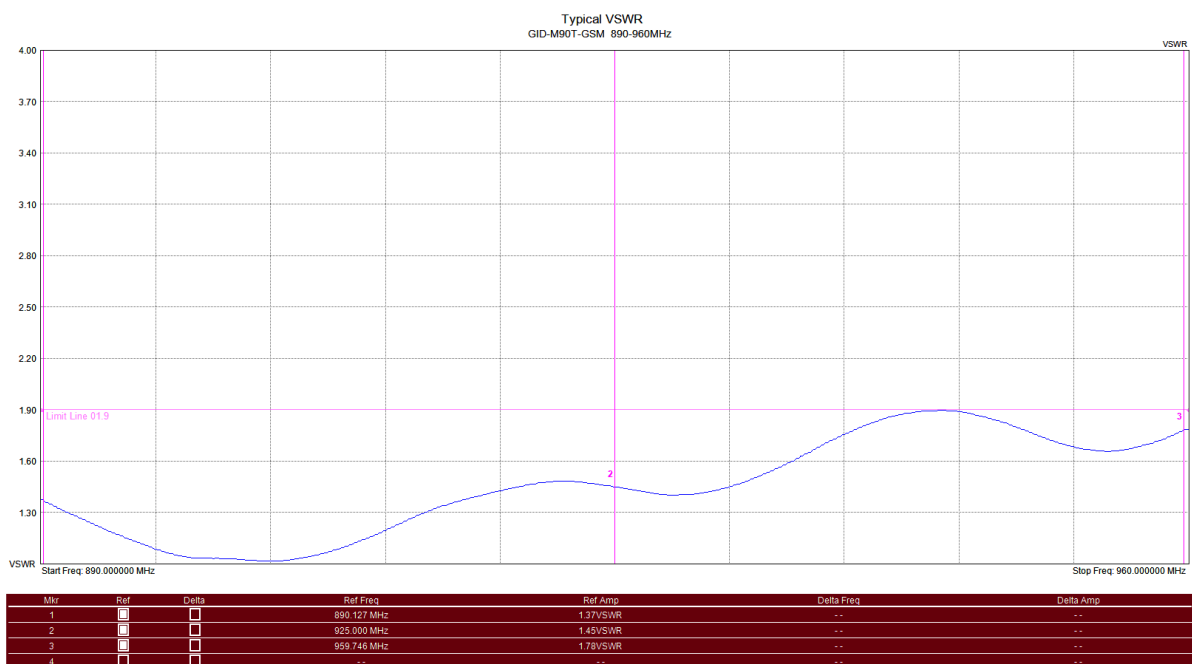


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Typical VSWR - GID-M90T-NextG-SS



Typical VSWR - GID-M90T-GSM

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Recommended installation accessories

 <p>BBM-SS - wrap around bull bar mount, up to 50mm diameter bull bar tube</p> <p>16mm mount hole</p> <p>Requires 10mm spanner</p>	 <p>BBML-SS - wrap around extra large bull bar mount, up to 65mm diameter bull bar tube</p> <p>16mm mount hole</p> <p>Requires 10mm spanner</p>
 <p>BBMXL-SS - wrap around extra large bull bar mount, up to 76mm diameter bull bar tube</p> <p>16mm mount hole</p> <p>Requires 10mm spanner</p>	 <p>BBKB-B - Rhino knock down antenna mount, powder coated black</p> <p>17mm mount hole with cable slot</p>
 <p>ATLM series - Adjustable bonnet, boot and door jam mount. 360 rotational and 140 degree adjustment</p> <p>16mm mount hole</p> <p>Black or Chrome</p> <p>Includes 5mm and 2mm allen keys</p>	<p><u>Alternate magnetic mounting</u></p>  <p>MGB - Black powdercoated magnetic mount base, 105mm diameter, 20kg pull force</p> <p>16mm mount hole</p>
<p><u>Alternate magnetic mounting</u></p>  <p>A-2845 - Tri-magnet powdercoated magnetic mount base, 60kg pull force</p> <p>13mm mount hole</p>	<p><u>Alternate fixed mounting</u></p>  <p>A-4115-2 - Aluminium offset mount bracket, 40mm offset</p> <p>12.7mm mount hole</p>
<p><u>Alternate fixed mounting</u></p>  <p>A-6211 - 304 stainless steel offset mount bracket, 200mm offset</p> <p>16mm mount hole</p>	<p><u>Alternate fixed mounting</u></p>  <p>A-6486-3 - 304 stainless steel overhang or pole mount bracket, 88-133mm offset</p> <p>13mm mount hole</p> <p>Can suit U-bolt mounting</p>

Typical alternate connectors

 <p>P/N 7963-7 SMA male crimp-style termination Gold plated</p> <p>Also available in opposite gender, right-angle or reverse gender/polarity</p>	 <p>P/N 7933-2 N-type male crimp-style termination Tri-metal plated</p> <p>Also available in opposite gender or right-angle</p>
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