



TC1600 Series

Heavy-duty high gain mobile phone/wireless data improvement 825-890 MHz or 890-960MHz



The TC1600 series of heavy-duty spring base collinear offers the maximum gain and reception range practical in a broadband vehicle mounted antenna.

The TC1600 series are ground independent and do not require a metal ground plane to operate effectively. Suitable for large 4WD's, trucks, heavy machinery or any locations where heavy-duty construction is required.

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

SKU	TC1600-A	TC1600-D*
Construction	White fibreglass radome, chrome ferrule, mount adaptor heavy-duty stainless steel parallel spring base and external cable	
Frequency range	825-890 MHz - Lower 4G	890-960 MHz - lower 4G & ISM
Bandwidth	Full frequency range stated	
VSWR	<1.6:1	
Tuning	Factory	
Gain	8.1dBi	
Maximum power	30 Watts	
Impedance	50 Ohms	
Polarisation	Vertical	
H Plane	360° omnidirectional	
E Plane	13°	
Cable	5 metres white RG58 low loss, solid core, side exit from ferrule	
Connector	FME female fitted to cable for ease of installation	
Height	2.2 metres	
Weight	1.5kg	
Mounting hardware order separate	Bullbar: BBM-SS, BBML-SS, BBMXL-SS or BBKB-B Bracket Mounting: GM1, GM2, GM6 or A-6211	
Mounting position recommended	As high on your vehicle as possible using a minimum 13mm hole or appropriate bracket with a 13mm hole	
Installation tools required	19mm or 3/4" spanner for spring base bolt securing A small amount of thread locker can be applied onto bolt or adaptor for long term installation	



Heavy-duty parallel spring base

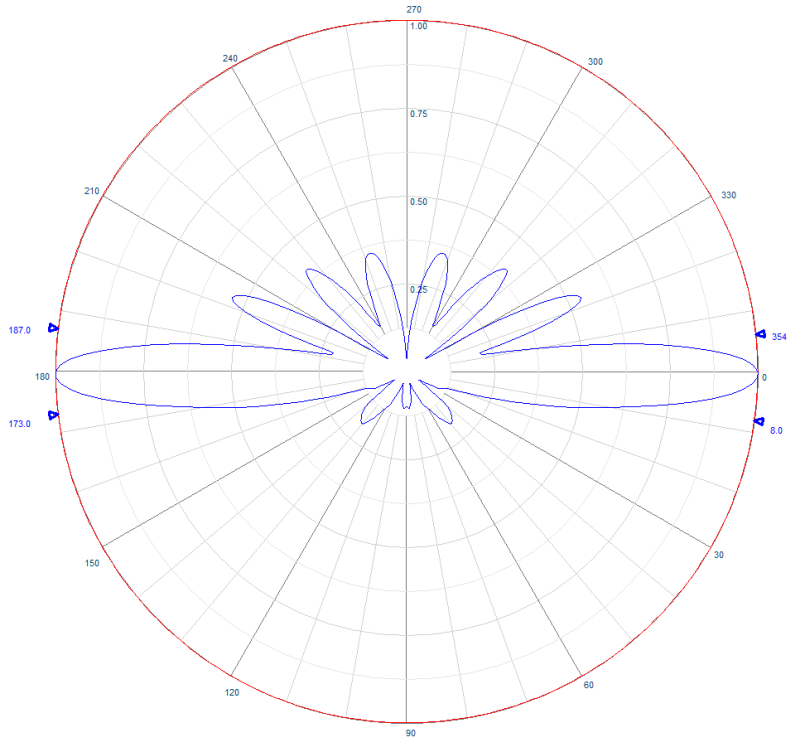
FME female fitted to cable as standard



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In-stock
Ready to
Ship
*Build to order
item



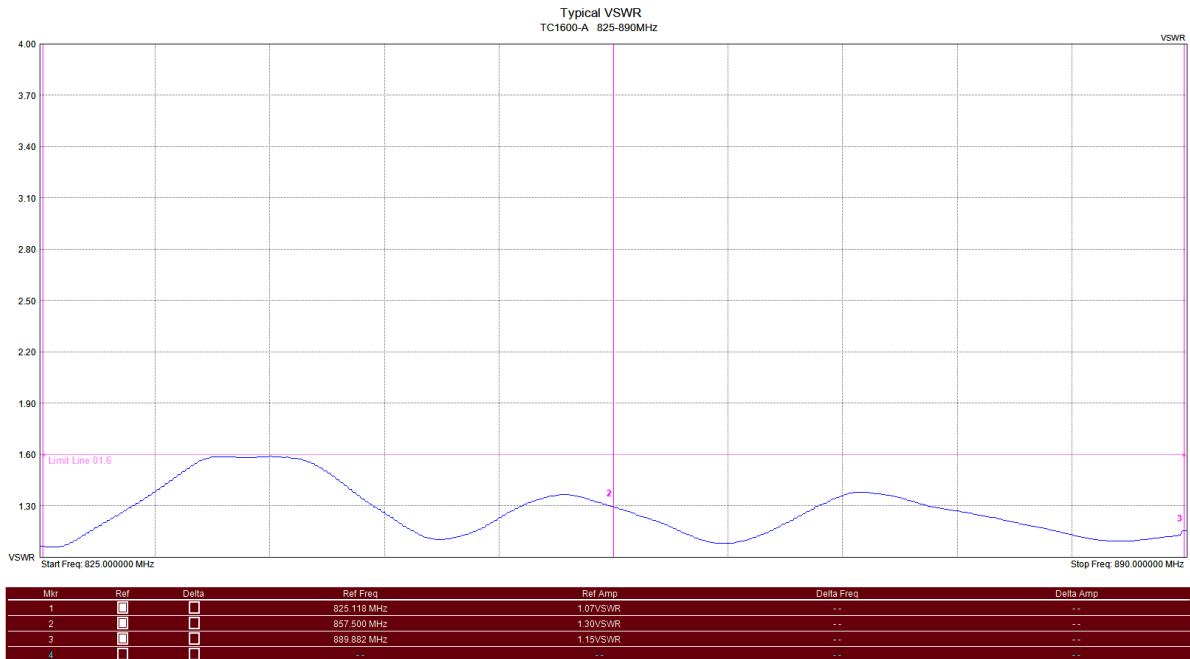
Example radiation pattern



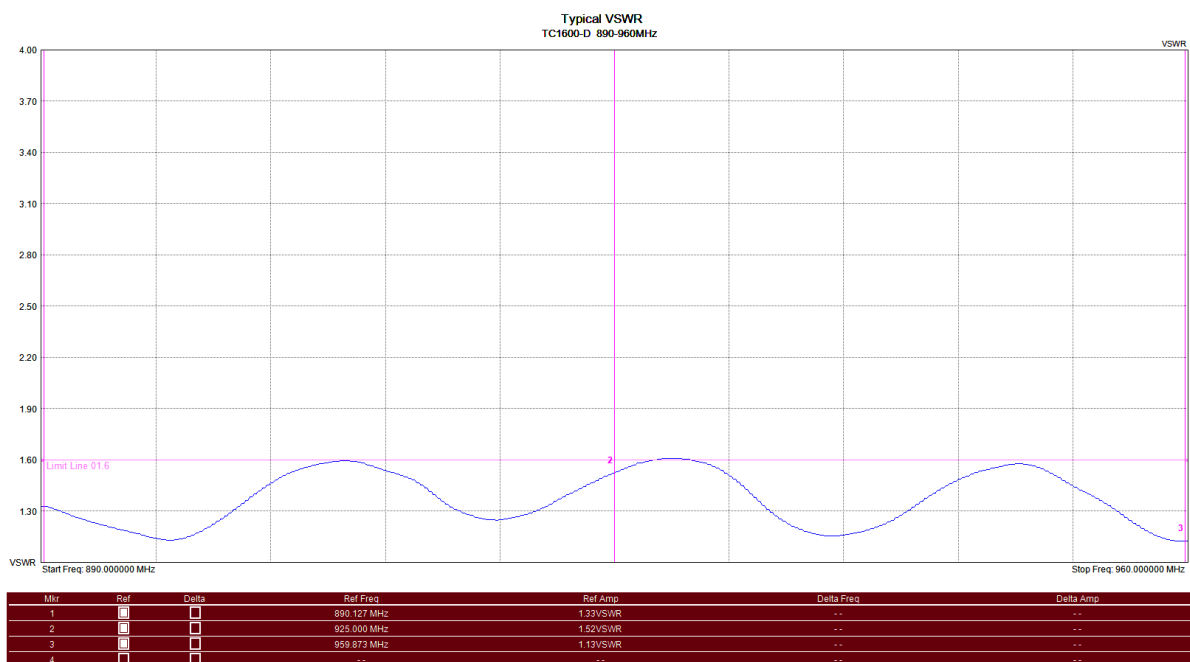
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Typical VSWR - TC1600-A

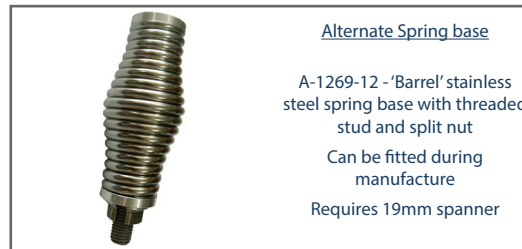


Typical VSWR - TC1600-D

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Recommended installation accessories



Typical alternate Connectors



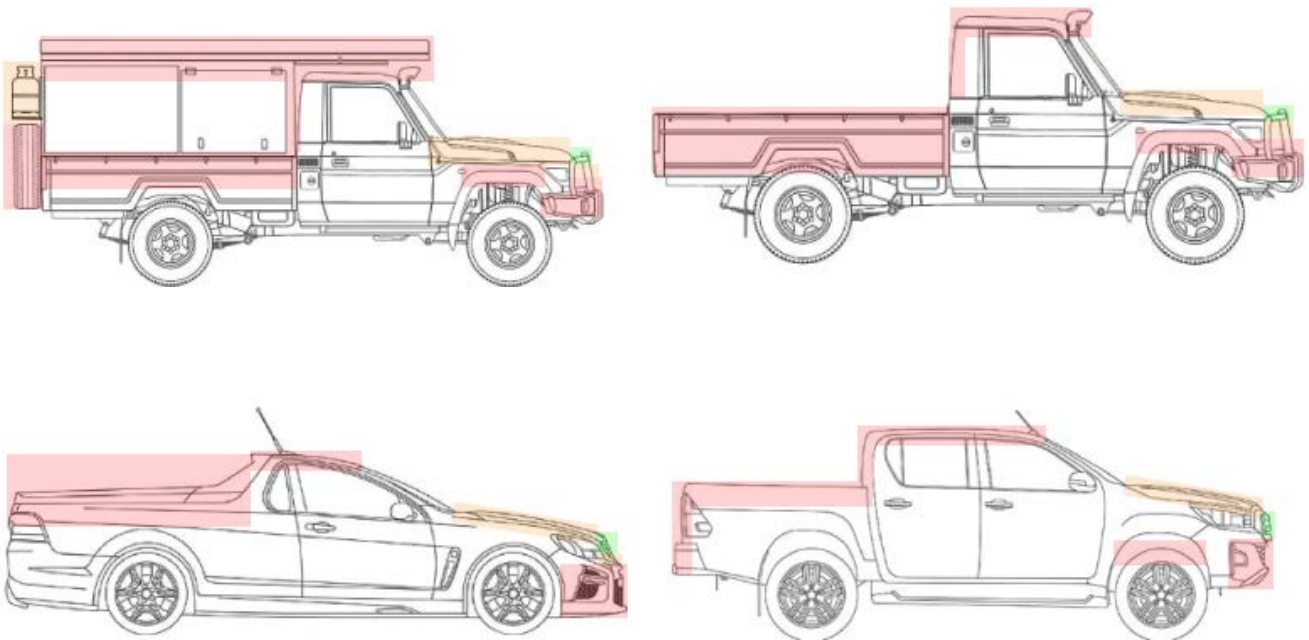





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Vehicle Mounting locations



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