

## SG700-4GX-BLKR

Medium to heavy-duty Mobile Phone/wireless data collinear  
4G LTE 718-788MHz and lower 4G/3G 820-890MHz

The SG700-4GX-BLKR all black collinear is designed for maximum gain with an omni-directional pattern within the 4G LTE networks. The SG700-4GX-BLKR also functions on the lower 4G/3G 820-890MHz frequency range.

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



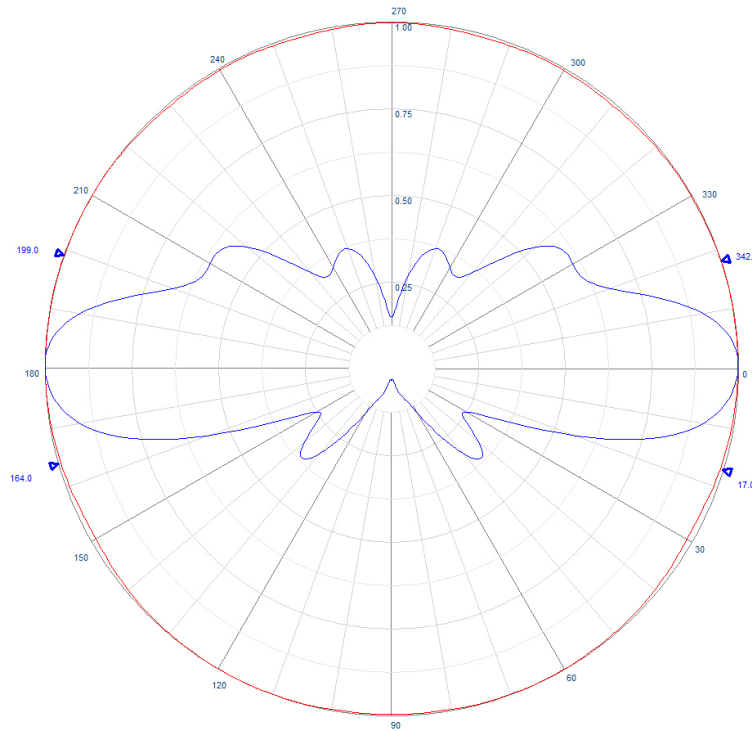
Construction	Black fibreglass radome, black aluminium ferrule and cap, black stainless steel 'barrel' spring and cable assembly
Frequency range	All networks 4G LTE: 718-788MHz and lower 4G/3G: 820-890MHz
Bandwidth	Full frequency ranges
Tuning	Factory
VSWR	4G LTE 718-788MHz: <1.8:1 4G/3G 820-890: 3.0:1
Gain	5.1dBi at 718-788MHz and 4.0dBi at 820-890MHz
Impedance	50 Ohms
Polarisation	Vertical
H Plane	360° omni-directional
Cable	4.5 metres RG58 low loss - side exit from ferrule
Connector	FME female fitted to cable - for ease of installation
Height	1.1 metres
Weight	1.0kg
Mounting hardware order separate	Bullbar: BBM-SS, BBML-SS, BBMXL-SS or BBKB-B Truck Mirror: MRM-SS Bracket Mounting: GM1, GM2, GM6 or ATLM-CH/B
Mounting position recommended	Mount as high on your vehicle, structure, mast or tower as possible using the appropriate mounting bracket or a suitable minimum 13mm hole.
Installation tools required	19mm spanner for spring base mount bolt securing Thread locker can be applied to mount bolt for long term securing



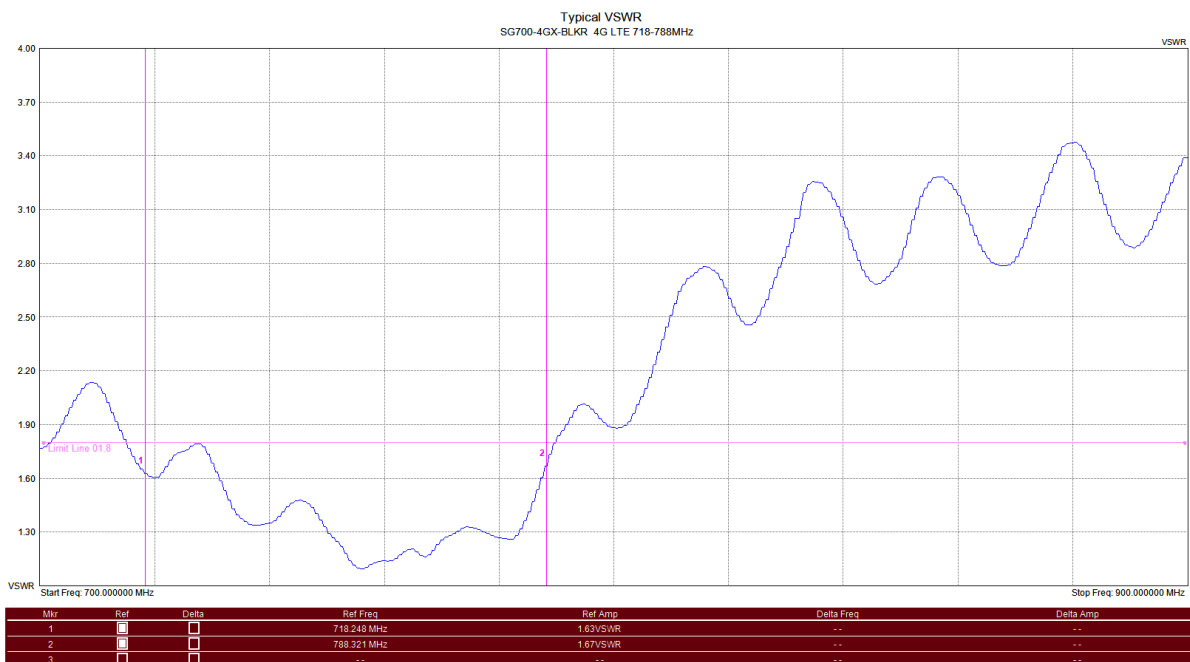


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Example radiation pattern



Typical VSWR



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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 Spring base</u></p>  <p>A-1270 - Parallel heavy-duty mount spring, includes base mount bolt</p> <p>Requires 19mm spanner</p>
<p><u>Alternate Spring base</u></p>  <p>A-1269-14 - 'Barrel' stainless steel spring base with 50mm base extension. Suitable for behind bull bar mounting or wing mirror bracket mounting</p> <p>Requires 19mm spanner</p>	<p><u>Alternate Spring base</u></p>  <p>A-1269-12 - 'Barrel' stainless steel spring base with threaded stud and split nut</p> <p>Requires 19mm spanner</p>

### Typical alternate Connectors

 <p>SMA male termination Suits CEL-Fi go device or telemetry device.</p> <p>Also available in right-angle configuration or alternate gender</p>	 <p>N-type male termination Suits telemetry devices</p> <p>Also available in right-angle configuration or alternate gender</p>
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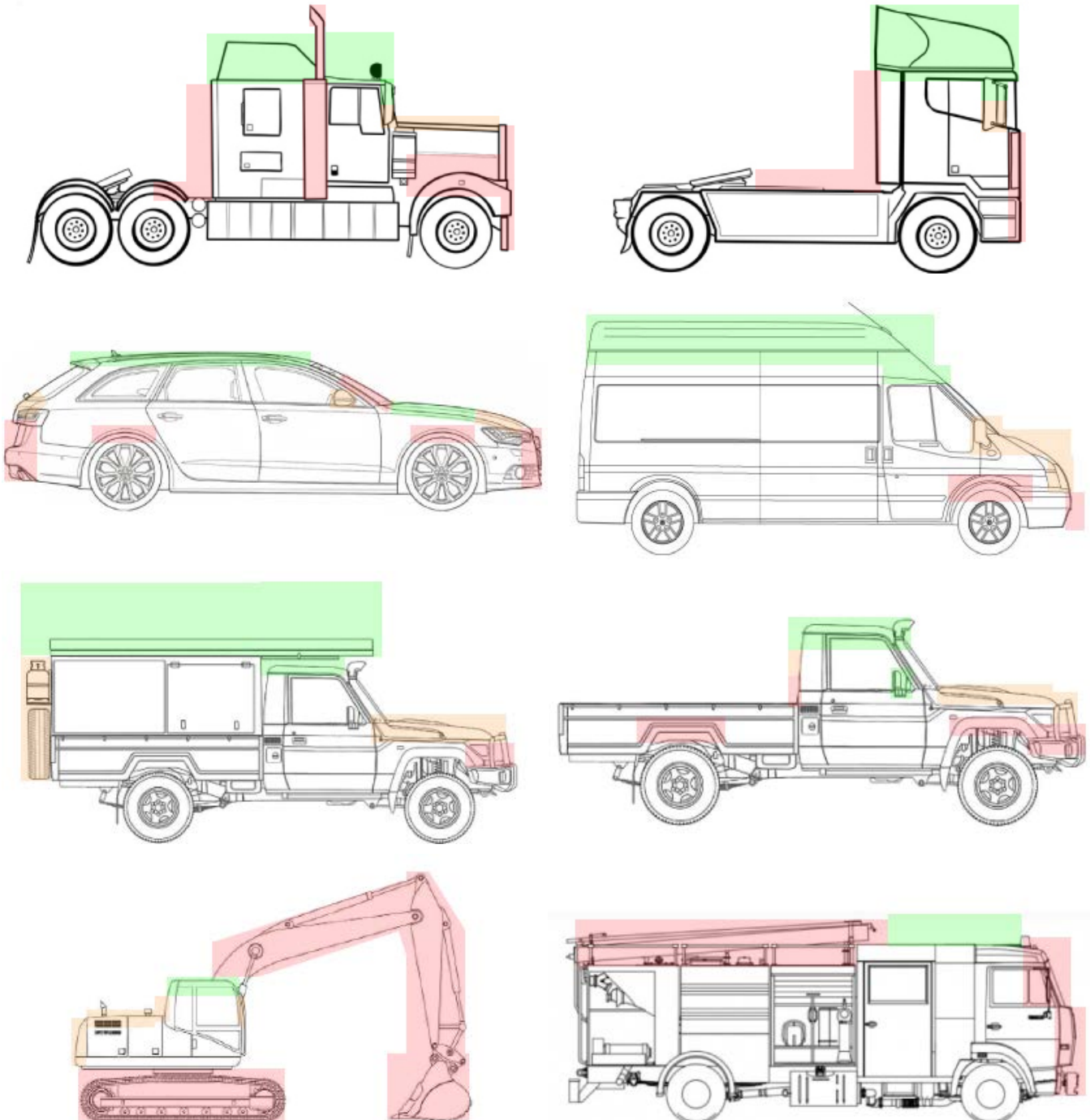
### CEL-Fi Go Compatibility additions

 <p>P/N 8275 FME male to SMA male adaptor Converts antenna termination to CEL-Fi Go input termination</p>
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Vehicle Mounting Locations



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