



SGDB series

Medium to Heavy-duty Mobile phone or wireless data

All networks dualband 4G 825-960 & 1710-2190



The SGDB series of super gain mobile phone antennas offer fine performance combined with our robust tried and tested ZCG quality construction.

The SGDB antenna is identical in appearance to SG477 series and SG1100 series. For and all-black version see SGDB-BLKR.

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

SKU	Black - SGDB-B	White - SGDB-W
Construction	Fibreglass parallel radome, aluminium mount ferrule and cap, stainless steel 'barrel' spring and cable assembly	
Frequency range	825-960 MHz & 1710-2190 MHz - all carriers dualband 4G	
Bandwidth	Full frequency ranges stated	
VSWR	<1.6:1	
Tuning	Factory	
Gain	6.2 dBi at 825-960 MHz and 3 dBi at 1710-2190 MHz	
Maximum power	30 Watts	
Impedance	50 Ohms	
Polarisation	Vertical	
H Plane	360° omnidirectional	
E Plane	32°	
Cable	5 metres MIL-SPEC RG58 low loss - side exit from ferrule	
Connector	FME female fitted as standard to cable or specify requirements	
Height	900mm	
Weight	900grams	
Wind load at 160kph	0.012kN, 1.237kg	
Mounting hardware order separate	See following pages for suitable accessories	
Mounting position recommended	As high on your vehicle/structure as possible using a minimum 13mm hole or appropriate bracket with a 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	



Medium duty 'Barrel' spring fitted, suitable for all conditions.

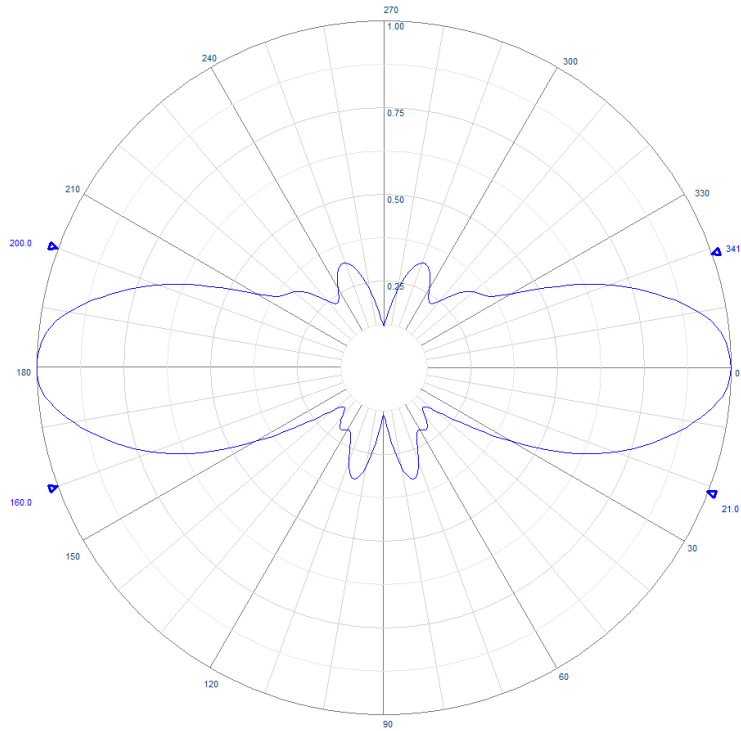


FME female fitted as standard, alternate terminations available upon request

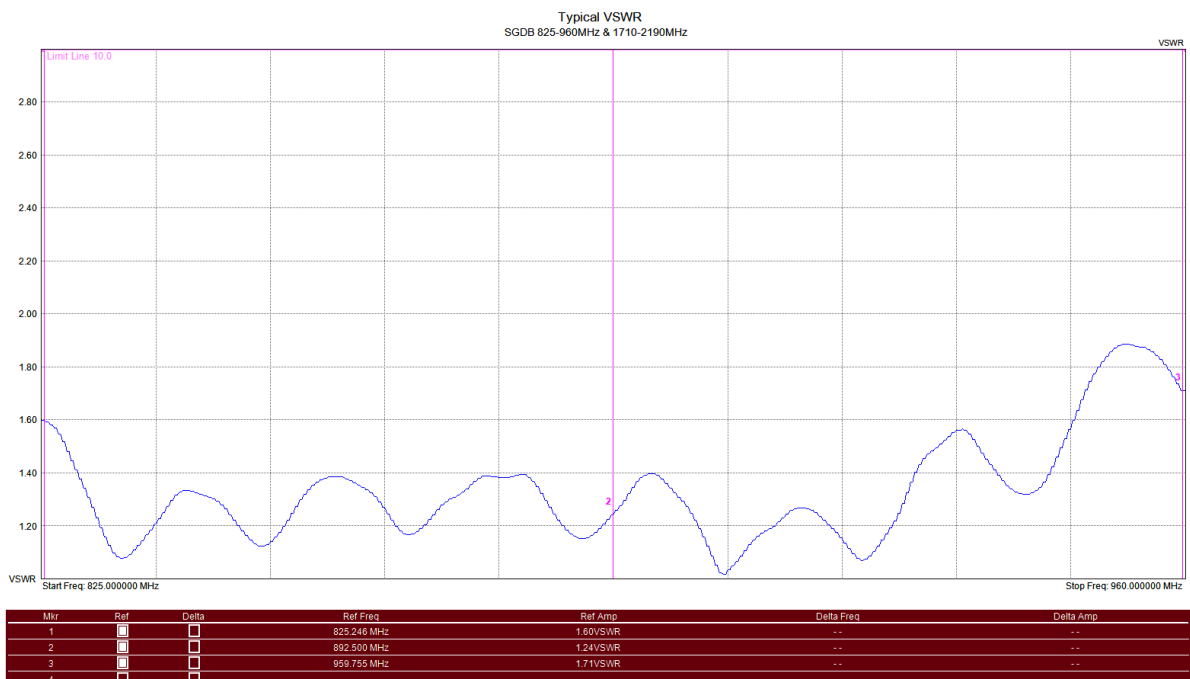


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Example radiation pattern



Typical VSWR



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Recommended installation accessories

 <p>SKU: BBM-SS Wrap around bull bar mount, up to 50mm diameter bull bar tube 16mm mount hole Requires 10mm spanner</p>	 <p>SKU: BBML-SS Wrap around extra large bull bar mount, up to 65mm diameter bull bar tube 16mm mount hole Requires 10mm spanner</p>
 <p>SKU: BBMXL-SS Wrap around extra large bull bar mount, up to 76mm diameter bull bar tube 16mm mount hole Requires 10mm spanner</p>	 <p>SKU: BBKB-B 90 degree 'knock-down' antenna mount, powder coated black 17mm mount hole with cable slot</p>
 <p>SKU: ATLM-B - Black SKU: ATLM-CH - Chrome Adjustable bonnet, boot and door jam mount. 360 rotational and 140 degree adjustment 16mm mount hole Includes 5mm and 2mm allen keys</p>	 <p>SKU: GM1 Right-angle 'L' mount bracket, suits boot/bonnet or roof mounting 16mm mount hole Requires 10mm spanner</p>

 <p>SKU: GM2 Right-angle 'Z' mount bracket, suits boot/bonnet or roof mounting 16mm mount hole Requires 10mm spanner</p>

 <p><u>Alternate Spring base</u> SKU: A-1270 304 Stainless steel parallel heavy-duty mount spring, includes base mount bolt Requires 19mm spanner</p>	 <p><u>Alternate Spring base</u> SKU: A-1269-14 Stainless steel 'barrel' spring base with 50mm base extension. Suitable for behind bull bar mounting or wing mirror bracket mounting Requires 19mm spanner</p>
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Suitable inter-series adaptors

 <p>ADP-8275 FME male to SMA male termination adaptor Suits some signal booster devices or telemetry device.</p>	 <p>SKU: ADP-7977-3 FME male to N-type male termination adaptor Suits telemetry devices</p>
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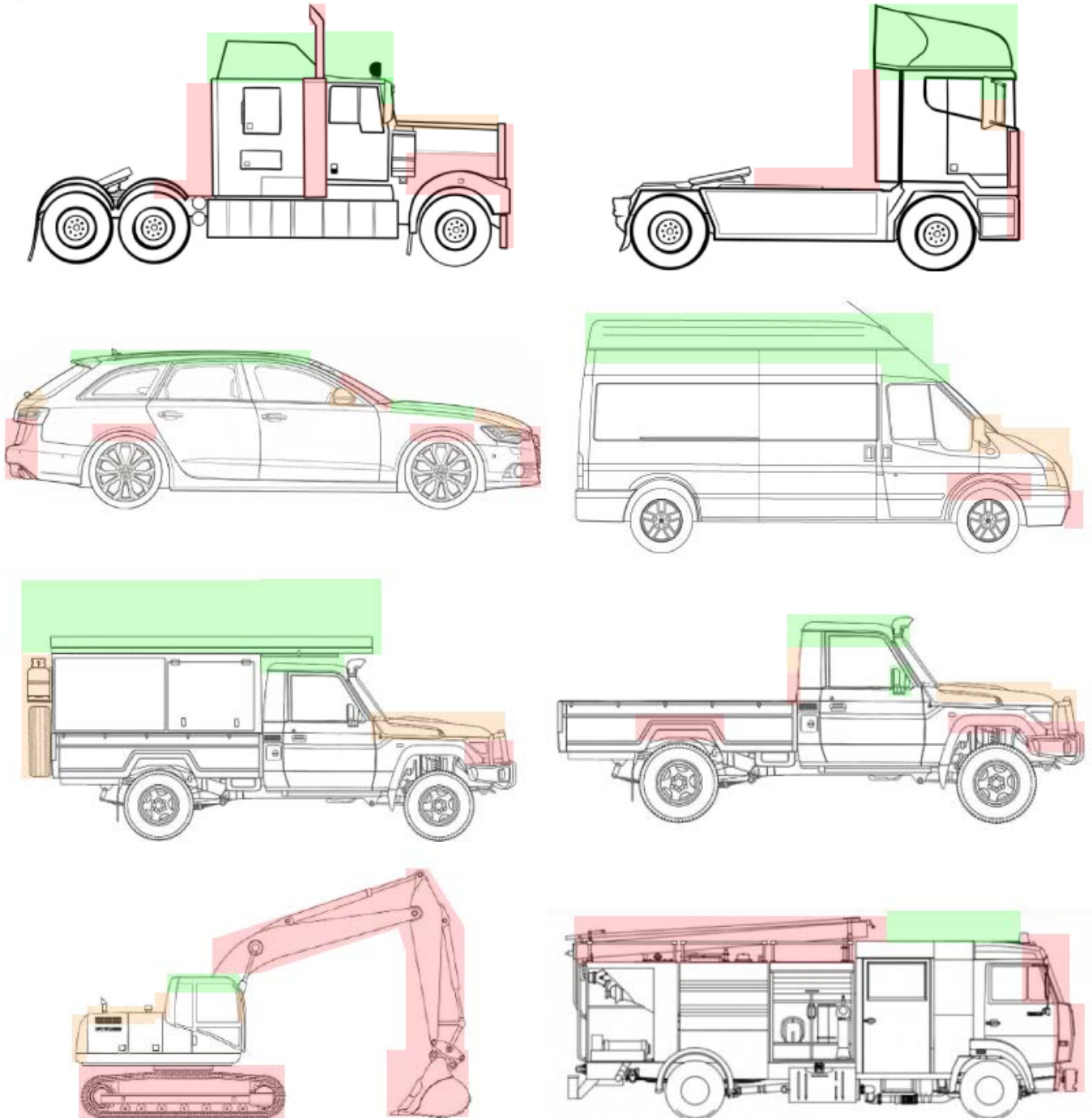


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 In-stock
Ready to
Ship

Recommended vehicle mounting locations



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