



## SGDB series

Medium to Heavy-duty Mobile phone or wireless data  
All networks 4G / 3G 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 all black version see SGDB-BLKR

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



Order code	Black - SGDB-B	White - SGDB-W
Construction	Fibreglass parallel radome, aluminium mount ferrule and cap, stainless steel 'barrel' spring and cable assembly	
Frequency range	All networks 4G/3G 825-960MHz & 1710-2190MHz Telstra, Optus & Vodafone within Australia	
Bandwidth	Full frequency range	
VSWR	<1.6:1	
Tuning	Factory	
Gain	6.2dBi at 825-960MHz and 3dBi at 1710-2190MHz	
Maximum power	30 Watts	
Impedance	50 Ohms	
Polarisation	Vertical	
H Plane	360° omni-directional	
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	Bullbar: BBM-SS, BBML-SS, BBMXL-SS or BBKB-B Truck Mirror: MRM-SS Bracket Mounting: GM1, GM2, GM6 or ATLM-CH/ATLM-B Alternate spring base: A-1269-14 extended base spring or 1270 parallel spring	
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.

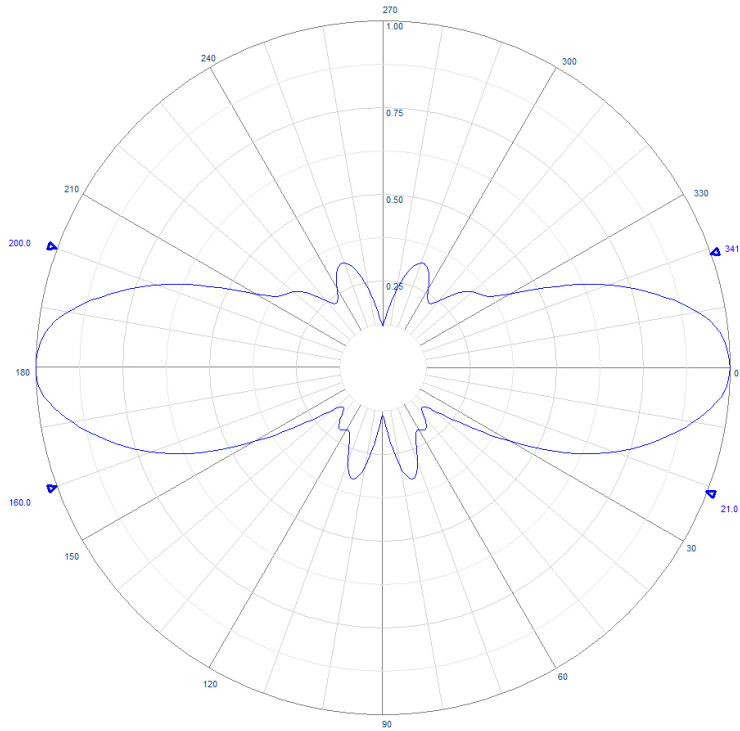


FME female fitted as standard, alternate terminations available upon request

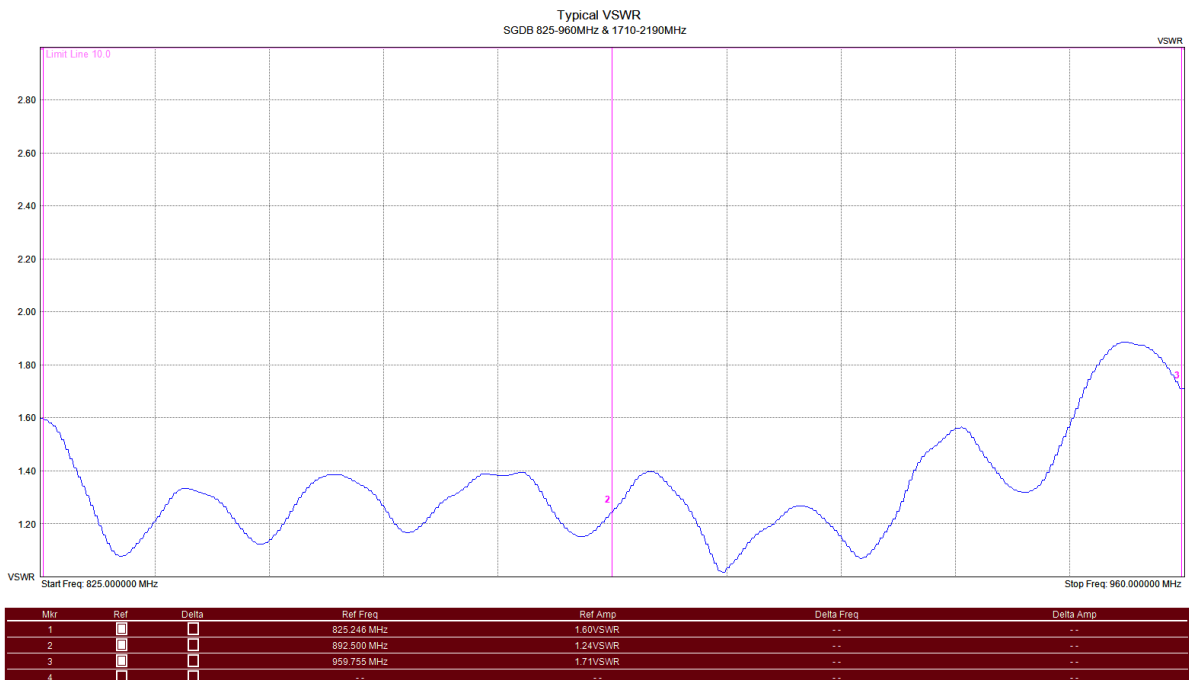


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Example radiation pattern



Typical VSWR

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### Recommended installation accessories



### Typical alternate Connectors



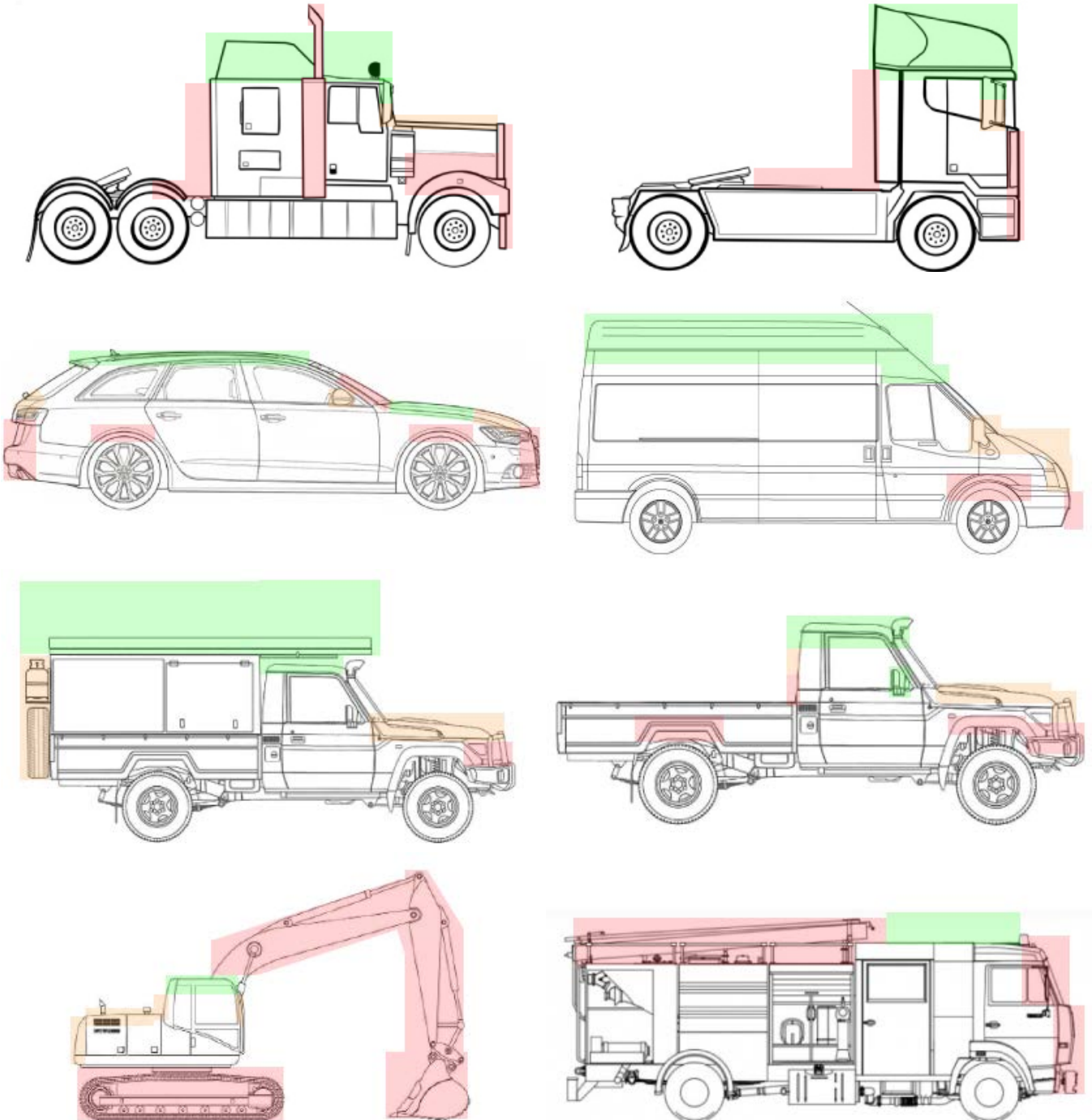


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 In-stock  
Ready to  
Ship

Vehicle Mounting locations



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