



## ZN3-SGDB-11

Detachable mobile phone/wireless data improvement

Dualband 4G 825-960 & 1710-2190 MHz



Designed for mounting to a medium to large vehicle, the ZN3-SGDB-11 series detachable antenna is your ideal solution for vehicle mounted 4G and 3G network coverage improvement.

The ZN3-SGDB-11 matches the appearance of the rest of ZCG's ZN3-11 series of AM/FM and 477MHz models to keep the aesthetics of your vehicle.

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

SKU	White: ZN3-SGDB-11W	Black: ZN3-SGDB-11B
Construction	Fibreglass radome, detachable aluminium ferrule, 'barrel' spring base and cable assembly	
Frequency range	825-960MHz & 1710-2190 MHz - all carriers dualband 4G	
Bandwidth	Full frequency ranges stated	
Tuning	Factory	
Gain	6.2 dBi 825-960MHz and 3 dBi 1710-2190MHz	
Maximum power	30 Watts	
Impedance	50 Ohms	
Polarisation	Vertical	
H Plane	360° omnidirectional	
E Plane	32°	
Cable	4.5 metres RG58 low loss - bottom exit from spring	
Connector	FME female to cable - for ease of installation	
Height	1.2 metres	
Weight	925grams	
Mounting hardware order separate	Bullbar: BBM-SS, BBML-SS, BBMXL-SS or BBKB-B Bracket Mounting: GM1, GM2, GM6 or ATLM-CH/B	
Mounting position recommended	As high on your vehicle as possible using a minimum 13mm hole or appropriate bracket with a 13mm hole	
Installation kit contents	Allen key, PVC cap, 6 cable ties	
Installation tools required	18mm spanner for split nut securing on spring base	



FME female fitted to cable as standard for ease of installation

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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 - '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>GM1 - 304 stainless steel 'L' mount bracket</p> <p>16mm mount hole</p>
 <p>GM2 - 304 stainless steel 'Z' mount bracket</p> <p>16mm mount hole</p>	 <p>MRM-SS - 304 stainless steel mirror mount clamp style bracket</p> <p>16mm mount hole</p> <p>Requires 10mm spanner</p>
 <p>A-6211 - stainless steel fascia/wall mount bracket</p> <p>16mm mount hole</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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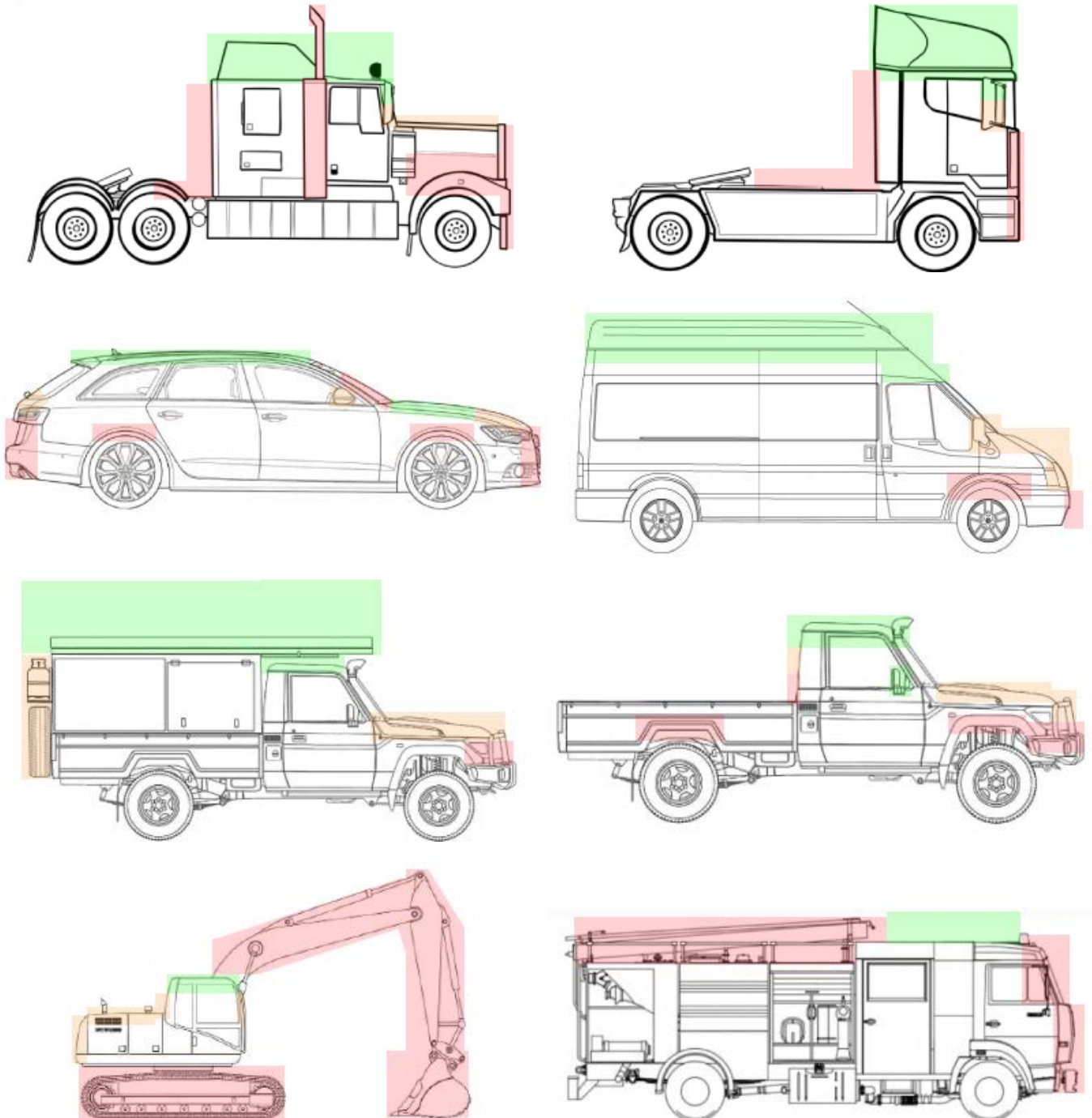
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Vehicle Mounting Locations



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