

## SGL477 Series

### Light to medium-duty parallel spring base collinear UHF CB radio 477MHz

The SGL477 series is a light to medium-duty UHF CB radio antenna designed for vehicle mounting on small 4WD's, utes or cars. The SGL477 series are suitable for all UHF CB radios on the market with UHF female input connection.

The SGL477 series are identical in appearance with the SGLDB mobile phone series and SGL1100 AM/FM series.

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



Order codes	SGL477-B - Black radome and electro-polished stainless steel spring SGL477-W - White radome and electro-polished stainless steel spring
Construction	Coloured fibreglass radome, aluminium ferrule, parallel spring base and coaxial cable assembly
Frequency range	UHF CB radio 477MHz
Bandwidth	476.4125-477.4125MHz - covering all 40/80 channels
VSWR	<1.5:1
Tuning	Factory
Gain	2.1dBi
Maximum power	20 Watts
Impedance	50 Ohms
Polarisation	Vertical
H Plane	360° omni-directional
Cable	5 metres RG58A/U - bottom exit from spring base
Connector	UHF male PL259 solder pin twist-style connector supplied, not fitted
Height	750mm
Weight	650grams
Mounting hardware order separate	Bullbar: BBM-SS, BBML-SS, BBMXL-SS or BBKB-B Truck Mirror: MRM-SS Bracket Mounting: GM1, GM2, GM6, ATLM series
Mounting position recommended	As high on your vehicle/structure as possible using a minimum 16mm hole or appropriate bracket with a 16mm hole
Installation tools required	21mm spanner for base nut securing

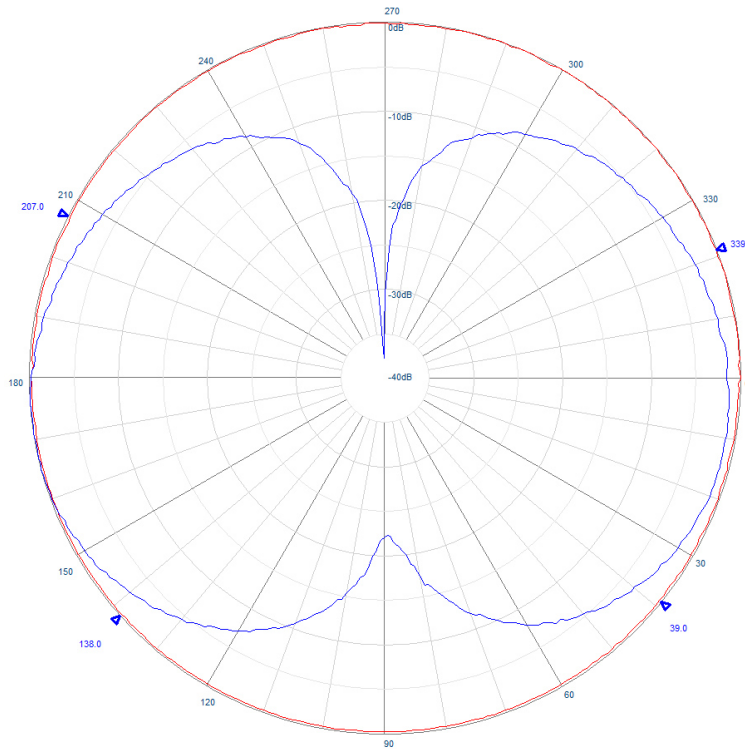


UHF male PL259 connector supplied not fitted

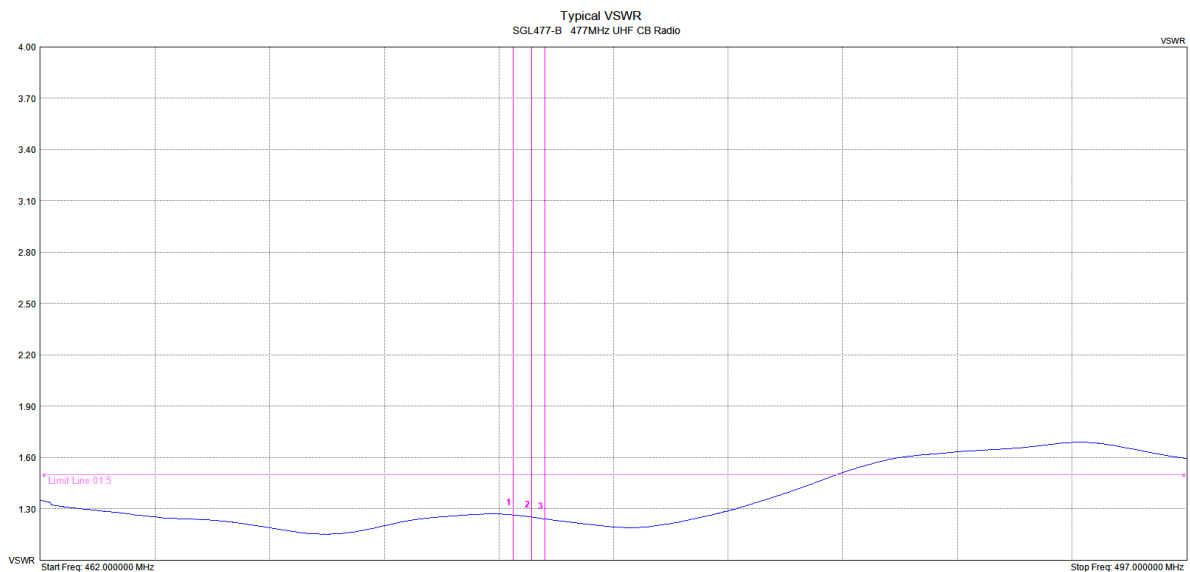


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Example radiation pattern



Mtr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input type="checkbox"/>	<input type="checkbox"/>	478.425 MHz	1.28VSWR	--	--
2	<input type="checkbox"/>	<input type="checkbox"/>	477.000 MHz	1.28VSWR	--	--
3	<input type="checkbox"/>	<input type="checkbox"/>	477.413 MHz	1.24VSWR	--	--
4	<input type="checkbox"/>	<input type="checkbox"/>	--	--	--	--

Typical VSWR

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Recommended installation accessories



BBM-SS - wrap around bull bar mount, up to 50mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner



BBML-SS - wrap around extra large bull bar mount, up to 65mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner



BBMXL-SS - wrap around extra large bull bar mount, up to 76mm diameter bull bar tube

16mm mount hole

Requires 10mm spanner



BBKB-B - Rhino knock down antenna mount, powder coated black

17mm mount hole with cable slot



ATLM series - Adjustable bonnet, boot and door jam mount. 360 rotational and 140 degree adjustment

16mm mount hole

Black or Chrome

Includes 5mm and 2mm allen keys



GM1 - 304 stainless steel 'L' mount bracket

16mm mount hole



GM2 - 304 stainless steel 'Z' mount bracket

16mm mount hole



GM6 - 304 stainless steel 'L' mount bracket with slot

16mm mount slot



A-6211 - stainless steel fascia/wall mount bracket

16mm mount hole



MRM-SS - 304 stainless steel mirror mount clamp style bracket

16mm mount hole

Requires 10mm spanner



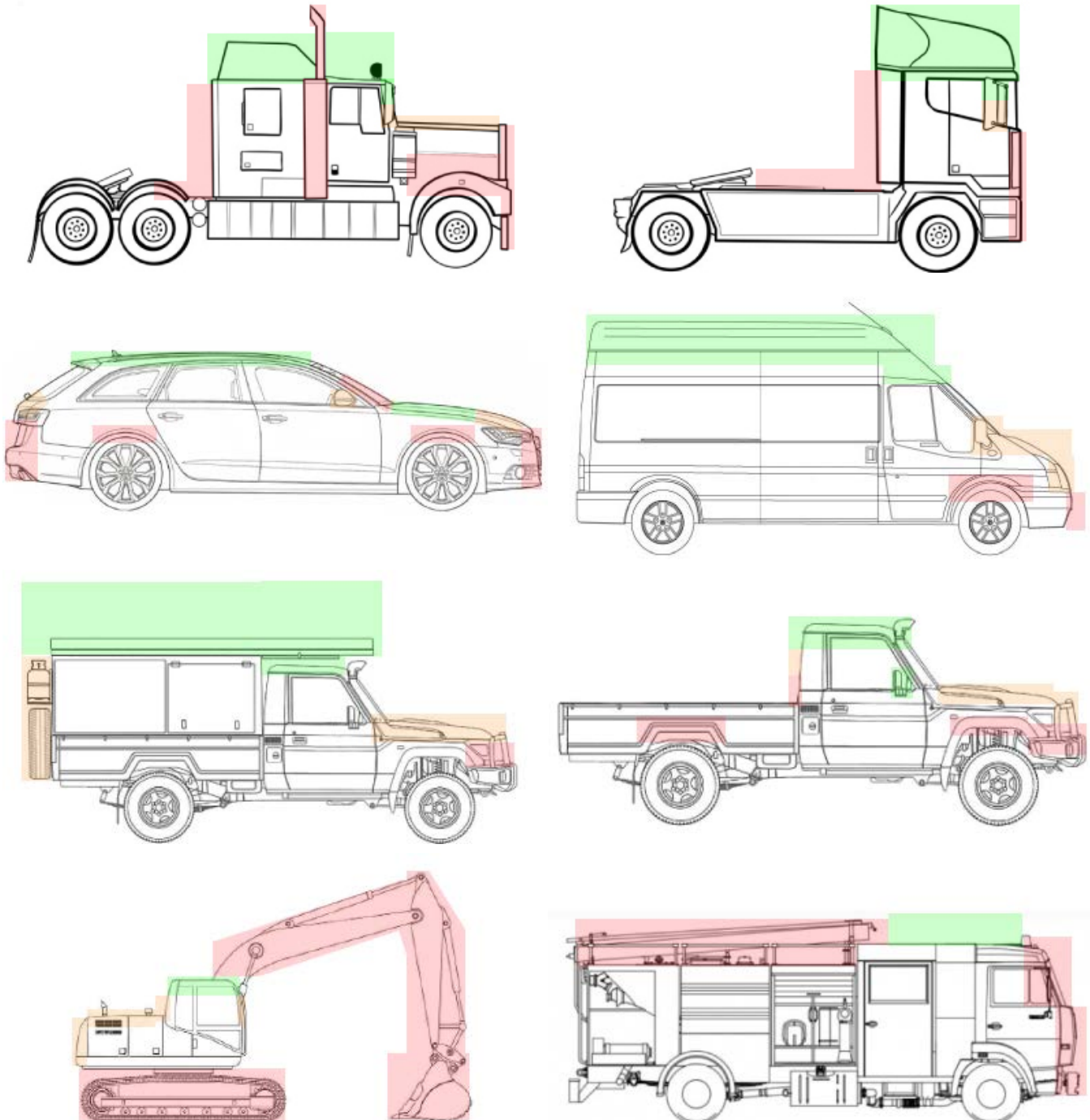
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 In-stock  
Ready to  
Ship

Vehicle Mounting locations



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