

Section 4b

CB RADIO ANTENNAS

Updated 18 February 2011

SGL477 UHF CB Light Design Vehicle Mount

Frequency
477 MHz

Gain
2.1 dBi



SGL477 is a light weight UHF CB Radio antenna designed exclusively for mounting to a vehicle guard, the boot of a sedan or to a truck mirror. No metal ground plane is necessary for effective performance.

Suitable for all Uniden, GME, Icom and Vertex UHF CB radios, this antenna is manufactured from the finest quality components and will survive harsh Australian conditions long term.

Standing 75 cm tall, the antenna mounts easily into any bracket with a 16 mm minimum diameter hole and is secured firmly by the nut and washer at the base. The electro-polished stainless steel spring dampens vibrations while travelling and maintains the antenna in a vertical position for the optimum receive and transmit performance at any speed.

5 metres of RG58 low loss stranded cable bottom exits through the spring and mount ferrule and is not terminated to allow easy installation through vehicle firewalls and dashboards. It is recommended that the cable be cut to the shortest length necessary prior to fitting the UHF male solder connector supplied.

The fibreglass radome is available in 3 colour; Black, White or Brown.

This **SGL477** antenna is identical appearance to :

- **SGLDB**, Multiband NEXT G and GSM Mobile Phone, and
- **SGL1100**, AM/FM Radio Receive.



SPECIFICATIONS	SGL477
Construction	Fibreglass radome, copper radiating elements, aluminium ferrule, electro-polished stainless steel spring
Radome Colour	Specify either Black, White or Brown
Frequency	UHF CB Radio 477 MHz
VSWR	Less than 1.5:1
Tuning	Factory
Gain	2.1 dBi
Maximum Power	20 Watts
Impedance	50 Ohms
Polarisation	Vertical
Cable	5 metres RG58 low loss stranded cable bottom exits through spring and ferrule
Connector	UHF male solder plug supplied, not fitted
Height	75 cm
Weight	650 grams
Mounting	Secure into any 16 mm minimum diameter hole using the nut and washer in the base
Recommended Mounting Positions	Vehicle guard, vehicle boot or truck mirror. A mounting bracket is available separately.

A UHF Male solder connector is supplied, not fitted.



The **SGL477** antenna can also be mounted to a vehicle bull bar. However, clients should first consider other models in the ZCG Scalar range specifically designed for this purpose.