

Section 4b

CB RADIO ANTENNAS

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SG477 UHF CB Vehicle Bull Bar Mount

Frequency
477 MHz

Gain
2.1 dBi



Factory tuned for 477 MHz UHF CB radio, the SG477 mobile antenna is designed to mount to a vehicle bull bar. Standing 90 cm tall with 2.1 dBi gain, this ground independent model will deliver reliable performance.

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

Secure the antenna firmly into any bracket with a 12.7 mm ($\frac{1}{2}$ ") minimum diameter hole using the bolt and washer provided.

The high quality electro-polished stainless steel beehive 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 side exits from the aluminium mount ferrule and is not terminated to allow easy installation through vehicle firewalls and dashboards. Cut the cable to the shortest length necessary prior to fitting the UHF male solder connector supplied.

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

This SG477 antenna is identical in appearance to :

- ⇒ SGDB Multiband NEXT G and GSM Mobile Phone, and
- ⇒ SG1100 AM/FM Radio Receive.



SPECIFICATIONS	SG477
Construction	Fibreglass radome, copper radiating elements, aluminium ferrule, electro-polished stainless steel beehive spring
Radome Colours	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
H-Plane	360° Omnidirectional
Cable	5 metres of RG58 low loss stranded cable side exits from the aluminium mount ferrule
Connector	UHF male solder connector supplied, not fitted
Height	90 cm
Weight	900 grams
Mounting	Secure into any bracket with minimum 12.7 mm ($\frac{1}{2}$ ") diameter hole using the bolt and spring washer supplied
Recommended Mounting Position	Vehicle bull bar. If required, the BBM-SS stainless steel mounting bracket is available

The SG477-TPM antenna top only without any beehive spring is available to order separately. This antenna top can be used to mount in locations other than on a vehicle, or to replace a damaged radome.



The SG477 antenna can also be mounted to the vehicle guard or boot using the appropriate bracket.

However, clients should first consider the lighter SGL477 model specifically designed for this purpose.