

Section 4b

CB RADIO ANTENNAS

Updated 18 February 2011

**GRN Series
Highly Flexible "Quick Fit"
Ground Independent UHF CB**

Frequency
477 MHz

Gain
4 dBi



Just 33 cm tall, the GRN half wave UHF CB radio antennas feature a highly flexible PVC top which is virtually unbreakable. Perfect for rugged off-road driving, forklifts and tractors, these ground independent mobile antennas can be mounted in various positions and offer effective performance with 4 dBi gain.

Factory tuned for 477 MHz, the copper, brass, delrin and PVC construction is purpose built to survive harsh Australian conditions long term.

1. GRN480 is the most popular UHF CB antenna kit consisting of :

- The detachable GRN480TP "Quick Fit" antenna top, and
- RA4.7 right-angle UHF female base fitted with 4.7 metres of RG58 low loss stranded cable and UHF male solder connector supplied.



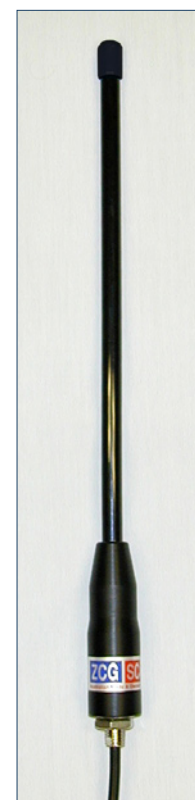
The right-angle UHF female mounting base fits into any bracket with 17 mm minimum diameter hole making this UHF CB antenna kit perfect for mounting in various positions on a vehicle or to a truck mirror. This unique design makes installation so simple with the additional benefit of being able to easily remove the antenna when not required, or in a situation where you are concerned about damage, vandalism or theft.

2. GRN480TP is the "Quick Fit" antenna top alone with UHF male connector inside the base. Since mounting arrangements differ, this option allows you to select mounting accessories separately according to your requirements.

3. GRNFC480 is the fixed cable model. 4.7 metres of RG58 low loss stranded cable bottom exits through the mounting base. The cable is fixed, so this option is ideal when a detachable antenna top is not desirable. Secure the antenna into any bracket with minimum 10 mm diameter hole using the nut and washer on the threaded base.



SPECIFICATIONS	GRN480	GRN480TP	GRNFC480
Includes	Antenna top, RA4.7 base and cable set	Antenna top only	Antenna with 4.7 metres fixed cable
Detachable Top	Yes	Yes	No
Construction	Copper and brass internals, delrin body, highly flexible black PVC top		
Frequency	477 MHz UHF CB Radio		
VSWR	Less than 1.5:1		
Tuning	Factory	Factory	Factory
Gain	4 dBi	4 dBi	4 dBi
Maximum Power	50 Watts	50 Watts	50 Watts
Impedance	50 Ohms	50 Ohms	50 Ohms
Polarisation	Vertical	Vertical	Vertical
H-Plane	Omnidirectional	Omnidirectional	Omnidirectional
Height	33 cm	33 cm	33 cm
Weight	360 grams	115 grams	320 grams
Connector Supplied	UHF male	—	UHF male
Mounting	RA4.7 base and 4.7 metre cable set supplied Any bracket with 17 mm diam hole	Select mounting accessories separate	Any bracket with minimum 10 mm diameter hole



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The right-angle UHF female base alone. Mounts into any bracket with 17 mm diameter hole.



RA4.7

Right-angle UHF female base fitted with 4.7 metres of RG58 low loss stranded cable and UHF male connector supplied, not fitted. (RA4.7 is supplied with the GRN480 kit.)



MGBIM-UHF

Magnetic base with UHF female connector, injection moulded black plastic body 10 cm diameter, heavy duty magnet, rubber pad base, 4.5 metres RG58U low loss cable, no connector.