

## Section 4a

### MOBILE ANTENNAS

Updated 17 February 2011

## TC1100 Vehicle Bull Bar Mount AM/FM Radio Receive

Frequency  
**530 KHz – 108 MHz**

Bandwidth  
**AM and FM Radio**

**ZCG**  
**SCALAR**  
INNOVATE MANUFACTURE SUPPORT

Standing 2.2 metres tall, the TC1100 mobile antenna is designed to mount to a vehicle bull bar and has been optimised to pull in even the weakest AM and FM radio signals.

Truly ground independent, no metal ground plane is necessary. Due to size, mounting this antenna to the vehicle guard, boot or mirror is not practical.

High quality components are used to ensure long term survival in the harsh Australian environment. Available with either a White or Pink fibreglass radome, the mount ferrule is chrome plated brass with a heavy duty stainless steel parallel spring.

The antenna is firmly secured into any 12.7 mm (½") minimum diameter hole using the bolt and spring washer provided. If required, the **BBM-SS** stainless steel bull bar bracket is available to order separately.

5 metres of RG58 low loss stranded cable side exits from the chrome brass ferrule. An "easy fit" solderless car radio connector is supplied.

This **TC1100** antenna is identical in appearance to :

- **TC1600A**, NEXT G Cellular Mobile Phone.
- **TC1600D**, GSM Cellular Mobile Phone
- **TCMA675**, UHF CB Radio 477 MHz.

SPECIFICATIONS	TC1100	TC1100P
Radome Colour	White	Pink
Construction	Tapered fibreglass radome, chrome plated brass ferrule, brass adaptor, stainless steel parallel spring	
Frequency	<b>AM Radio 530 to 1600 KHz</b> <b>FM Radio 88 to 108 MHz</b>	
Tuning	Factory	
Gain	Receive Only	
Impedance	50 Ohms	
Polarisation	Vertical	
H-Plane	360° Omnidirectional	
Cable	5 metres of RG58 low loss stranded cable side exits from the chrome plated brass mount ferrule	
Connector	A solderless car radio connector is supplied	
Height	2.2 metres	
Weight	1.5 kg	
Mounting	Secure into any 12.7 mm (½") minimum diameter hole using the bolt and spring washer supplied	
Recommended Mounting Position	Vehicle bull bar. If required, the <b>BBM-SS</b> stainless steel mounting bracket is available separately.	
Replacement Top	<b>TC1100-TPM</b>	<b>TC1100P-TPM</b>

The "TPM" antenna top whip only without any spring is available to order separately.

The antenna top may be used to replace a damaged radome.



An "easy fit" solderless car radio connector is supplied.

