

## M45T

### Highly flexible galvanised steel wire whip UHF/TETRA 400-520 MHz



The M45T is a highly flexible UHF whip ideally suited for mounting situations where rough treatment and hard knocks can be common-place.

The M45T whip, requires a cable assembly or base, please order base to suit your requirements, or contact your ZCG sales consultant for more information.

Mounting hardware, cable assemblies and other installation accessories are all available separately.

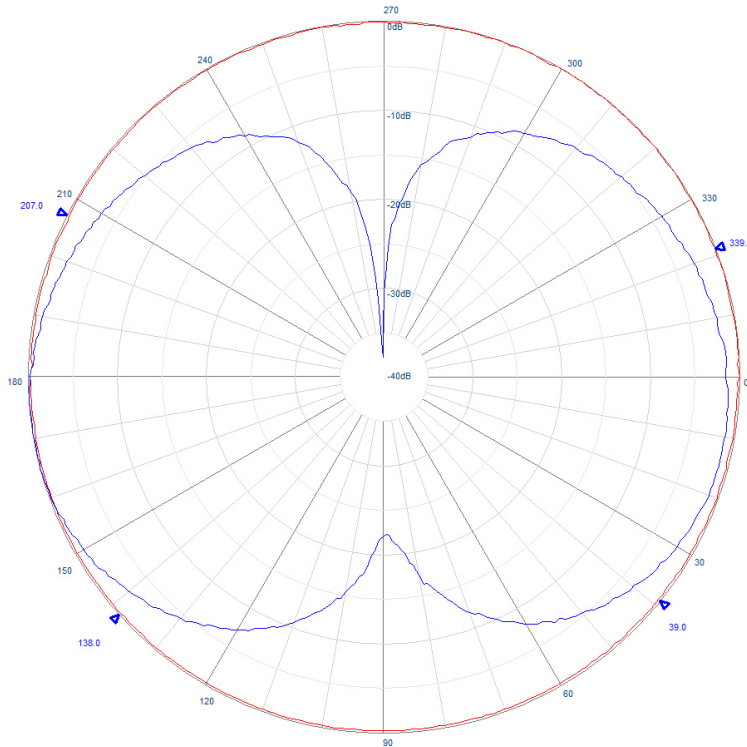
Construction	PVC coated galvanised steel wire and chrome ferrule
Colours available	Blue as standard or specify Red PVC outer
Frequency range	UHF 400-520 MHz
Tuning	Field trim to required frequency using a SWR meter
VSWR	<1.5:1
Gain - nominal	2.1 dBi
Maximum power	50 Watts
Impedance	50 Ohms
Polarisation	Vertical
H Plane	360° omni-directional
Height before tuning	170mm
Weight	32grams
Mount ferrule	5/16"-26 TPI female thread
Mounting hardware order separate	Base no cable: OB-2 Cable base: OB-4.7 Magnetic base: MGB-OB
Mounting position recommended	Mount as high on your vehicle or structure using an appropriate base with 16mm bracket, magnetic base or spring base
Installation tools required	15mm spanner for whip securing Network analyser or SWR meter



5/16" -26TPI thread in mount ferrule

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Example radiation pattern on metallic 1/4 wave ground plane

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#### Recommended mounting hardware



OB-4.7 - Australian standard OB base with 4.7 metres MIL-SPEC RG58 cable and UHF Male PL259 supplied, not fitted, also available in 8.0m length.  
16mm mount hole  
Requires 11mm spanner



MGB-OB - Magnetic base with Australian standard OB base, 4.7 metres MIL-SPEC RG58 cable, no connector  
105mm diameter



OB-2 - Australian standard OB base with 5/16"-26TPI male thread  
16mm mount hole  
Requires 11mm spanner



MS Base - Stainless steel parallel spring with 5/16"-26TPI male thread and female thread  
requires OB base

#### Additional 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



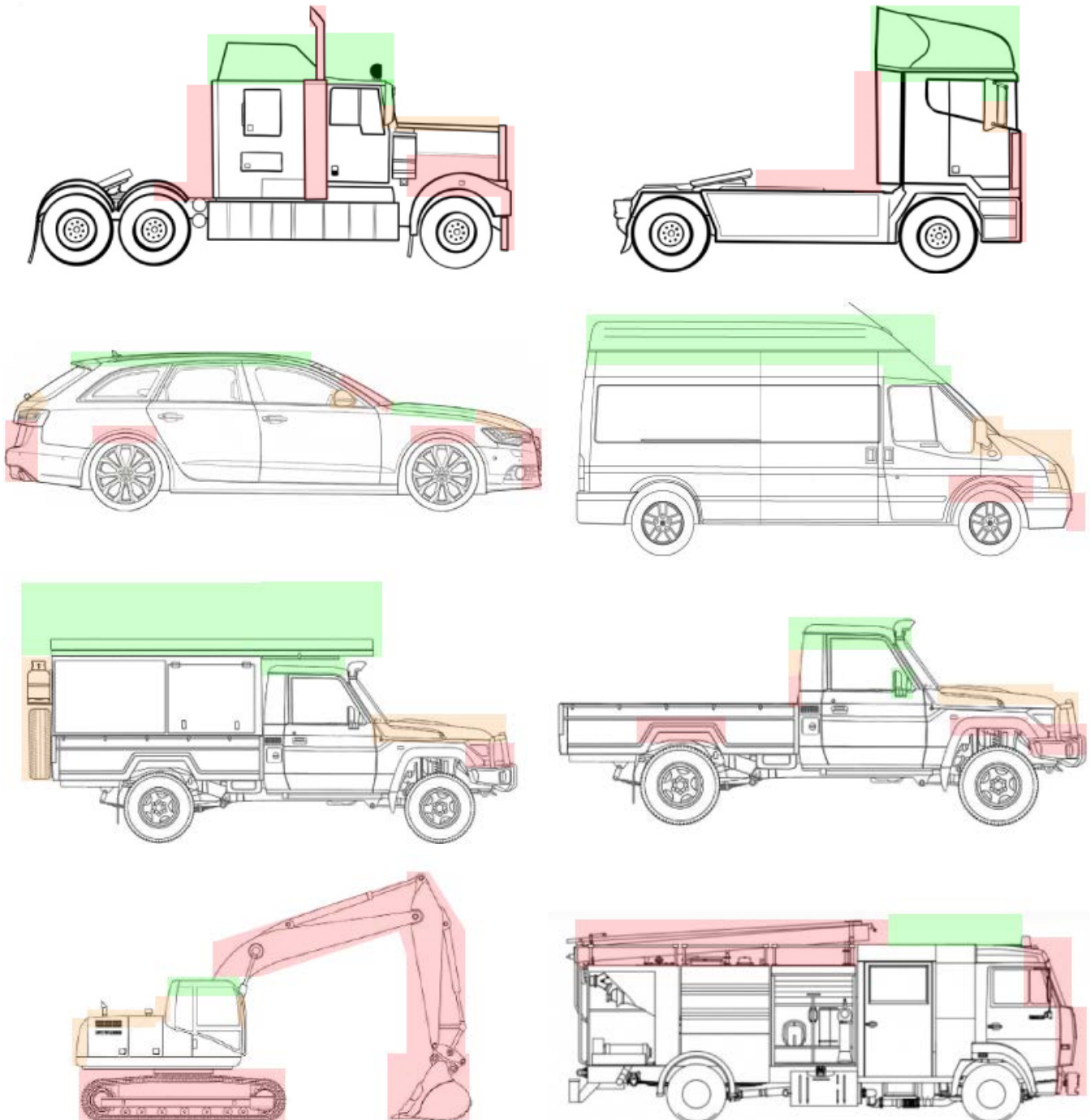
ATLM series - Adjustable bonnet, boot and door jam mount. 360 rotational and 140 degree adjustment  
16mm mount hole  
Black or Chrome  
Includes 5mm and 2mm allen keys

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Vehicle Mounting locations



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