

M21T and M22T

VHF high band whip with 5/16"-26 TPI female thread

VHF high band 144-174MHz



For the VHF high band range, the M21T and M22T whips are the ideal solution, with the flexibility to be vehicle or fixed position mounted.

These VHF whips will require a suitable base, please specify requirements/mounting position for a suitable mounting solution.

Mounting hardware, adaptors, connectors and other installation accessories are all available separately.

	M21T	M22T
Construction	Type 17-7 PH stainless steel whip and chrome ferrule	Black heatshrunk fibreglass whip, chrome ferrule
Frequency range	VHF high band 144-174MHz - see tuning	
Tuning	Field trim to required frequency using a SWR meter	
VSWR	<1.5:1 once installed and field tuned	
Gain - nominal	2.1dBi	
Maximum power	50 Watts	
Impedance	50 Ohms	
Polarisation	Vertical	
H Plane	360° omni-directional, ± 0.5dBd	
Height before tuning	550mm	530mm
Weight	50grams	65grams
Mount ferrule thread	5/16"-26 TPI female	
Operating temperature	-10°C to +50°C	
Mounting hardware order separate	Base - no cable: OB-2 Base with bracket: OB-4.7 with GM1/GM2/MRM-SS Magnetic base: MGB-OB	
Mounting position recommended	As high on your vehicle/structure as possible using an appropriate base with bracket or magnetic base with a 5/16"-26 TPI male thread	
Installation tools required	15mm spanner for whip securing Network analyser or SWR meter	



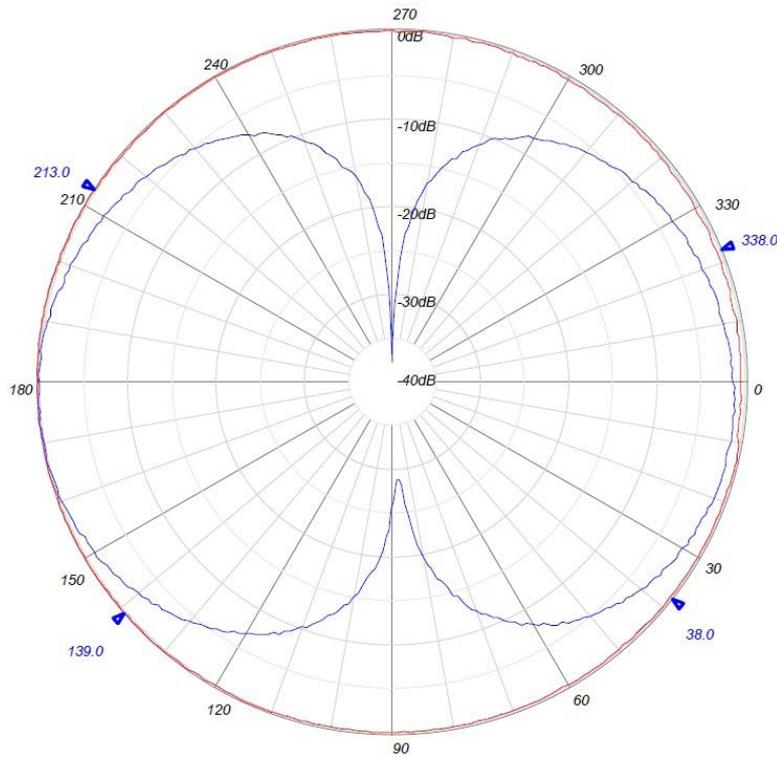
5/16-26 TPI female thread in ferrule

M21T and M22T

VHF high band whip with 5/16"-26 TPI female thread

VHF high band 144-174MHz


In-stock
Ready to
Ship



Example radiation pattern - on 1/4 wave ground plane

M21T and M22T

VHF high band whip with 5/16"-26 TPI female thread

VHF high band 144-174MHz



Recommended mounting hardware

 <p>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</p>	 <p>MGB-OB - Magnetic base with Australian standard OB base, 4.7 metres MIL-SPEC RG58 cable, no connector 105mm diameter</p>
 <p>OB-2 - Australian standard OB base with 5/16"-26TPI male thread 16mm mount hole Requires 11mm spanner</p>	 <p>MS Base - Stainless steel parallel spring with 5/16"-26TPI male thread and female thread requires OB base</p>

Additional installation accessories

 <p>BBM-SS - wrap around bull bar mount, up to 50mm diameter bull bar tube 16mm mount hole Requires 10mm spanner</p>	 <p>BBML-SS - wrap around extra large bull bar mount, up to 65mm diameter bull bar tube 16mm mount hole Requires 10mm spanner</p>
 <p>BBMXL-SS - wrap around extra large bull bar mount, up to 76mm diameter bull bar tube 16mm mount hole Requires 10mm spanner</p>	 <p>BBKB-B - Rhino knock down antenna mount, powder coated black 17mm mount hole with cable slot</p>
 <p>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</p>	

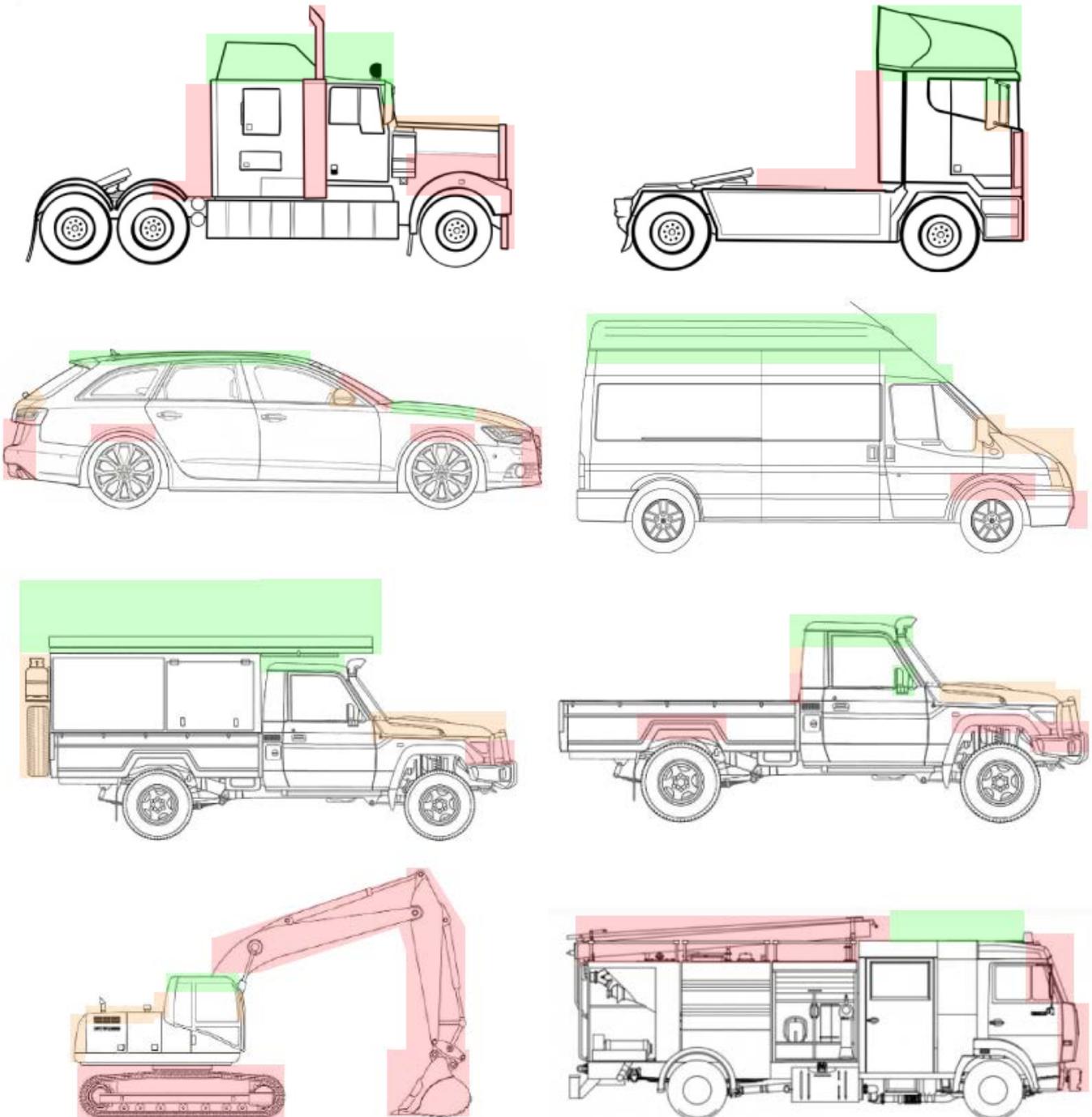
M21T and M22T

VHF high band whip with 5/16"-26 TPI female thread

VHF high band 144-174MHz


In-stock
Ready to
Ship

Vehicle Mounting locations



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