

## M21T-WB

VHF high band whip and PCB OB-2 base  
Full VHF / Land Mobile Radio 148-175MHz

  
In-stock  
Ready to  
Ship

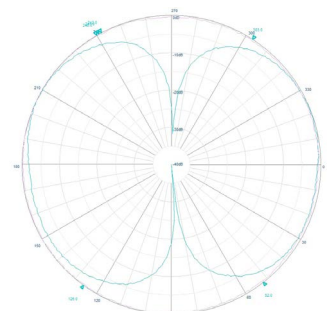
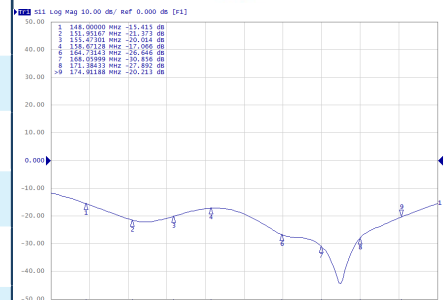
The M21T-WB is the ideal VHF/ LMR communications antenna for all emergency services vehicles, commercial or recreational vehicles as well as military applications. ZCG has matched its tried and tested, reliable construction with the broad bandwidth capability of the M21T-WB to cover VHF 148-175MHz.

**Please note:** the M21T-WB is ground dependent, requiring a metallic ground plane such as a vehicle roof or a structure with a metallic roof.

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



Specifications	M21T-WB
Construction	17-7PH stainless steel tapered whip, OB-2 standard base and cable assembly
Frequency range	VHF / LMR 148-175MHz
Tuning	Factory - no additional tuning required
VSWR	<1.5:1
Gain - nominal	2.1dBi
Maximum power	50 Watts
Impedance	50 Ohms
Polarisation	Vertical
H Plane	360° omni-directional, $\pm 0.5$ dBd
DC grounding	Yes
Ground independent	No - <u>requires metallic ground plane</u>
Height	450mm - including base
Weight	65grams
Connector	No termination - specify requirements
Cable	4.7 metres RG58 MIL-SPEC stranded - side exits from the PCB and OB-2 in the base - or specify cable length requirements
Mounting base	OB-2 Australian standard base with 5/16"-26TPI male thread
Mounting position recommended	Deconstruct OB-2 base and mount as high on your structure or vehicle as possible on a metallic ground plane, to ensure a omni-directional pattern.



Sample radiation pattern at 148MHz