



M99RT series

Ground dependent flexible helical whip VHF high band 148-174 MHz


In-stock
Ready to
Ship
*Build to order
item - MOQ 10

These M99RT series are helically wound whips specifically for the VHF high band 148-174MHz frequency range.

This helical design is most useful in circumstances where reduced height and flexible construction is essential.

Mounting hardware, coaxial feeder cable, water proofing and other installation accessories are all available separately.

	M99RT-148	M99RT-171	M99RT-148-HD*
Construction	Black heatshrunk helical whip and chrome ferrule		Black heatshrunk reinforced helical whip and chrome ferrule
Frequency range	148-174 MHz - VHF high band	171 MHz - VHF	148-174 MHz - VHF high band
Bandwidth	Single frequency	N/A - set frequency	Single frequency
VSWR	<2.5:1 across bandwidth		
Tuning	Field tune using SWR meter	No tune required	Field tune using SWR meter
Gain	2.1 dBi		
Impedance - nominal	50 Ohms		
Maximum power	25 Watts		
Polarisation	Vertical		
H Plane	360° omnidirectional ± 0.5 dBd		
Mount ferrule thread	5/16"-26 brass female thread		
Height	315mm	205mm	315mm
Weight	66grams	40grams	80grams
Mounting hardware order separate	OB-2 / OB-4.7 / MGB-OB or MS Base - will require a ground plane		
Mounting position recommended	Mount as high on your device or vehicle as possible onto a large metallic surface. If on a hand-held device, ensure minimal metallic are surrounding you		





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Recommended mounting hardware



Additional installation accessories

