

Section 8

PORTABLE ANTENNAS

Updated 22 February 2011

M99RT148 **VHF Helically Wound Whip** **with 5/16" Female Thread**

Frequency
148 – 174 MHz

Bandwidth
5% Field Tune



M99RT148 is a helically wound whip for the frequency range 148 to 174 MHz. This helical design is most useful in circumstances where reduced height is essential.

The rugged copper plated steel construction will withstand rough treatment. The mount ferrule has a 5/16" x 26 TPI Female thread.

Since this stubby antenna will be used on radios, bases and ground planes unknown to us, it is supplied uncut. Clients will therefore require the services of a technician with suitable SWR equipment to ascertain the correct trim length according to the frequency required.

SPECIFICATIONS	M99RT148
Frequency Range	148–174 MHz
Max Bandwidth	5 %
Tuning	Trim to your desired frequency using an SWR meter
VSWR	< 1.5:1
Gain	2.1 dBi
Maximum Power	25 Watts
Impedance (Nom)	50 Ohms
Polarisation	Vertical
Pattern	Omnidirectional
Mount Ferrule	5/16" x 26 TPI Female thread
Height prior to trim	31 cm
Weight	66 grams
Construction	Copper Plated Steel, Helically Wound Whip

