



# BROADBAND PROPAGATION

## Antenna Design & Supply

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### MP-136-174 VHF Manpack Antenna

The MP-136-174 VHF Manpack Antenna covers the frequency Range from 136 MHz to 174 MHz. No external tuning or adjustment is required for a 50 Ohm impedance match across this bandwidth.

The antenna is designed for use with modern, military man-pack radios and is supplied with a flexible gooseneck mount. It is both light-weight and extremely robust in its design and highly suitable for the most demanding of tactical applications, across the full range of global environmental conditions.

**\*\*\* Broad-Band Frequency Range \*\*\***

**\*\*\* No Tuning or Adjustment Required \*\*\***

**\*\*\* Light and Rugged Construction \*\*\***

#### Specifications



Frequency range: 136 to 174 MHz  
Input Impedance: 50 Ohms  
Power Rating: 30 watts CW  
VSWR: 2.0:1 Maximum.  
Gain: 0 dBi  
Polarisation: Vertical  
Radiation pattern: Omni Directional  
Input Connector: TNC Male

Colour: Matt Black overall  
Diameter: 30 mm  
Length: 700mm Overall, Operating Length  
Length, Folded: 350mm  
Weight: 0.48 kg  
Operating Temp. -40°C to +70°C

(Whip can be supplied with other antenna to base attachment formats or threads, and other base styles)

Flexible Gooseneck Mount

