

VHF30512HH

VHF/UHF manpack blade, monopole, 0.5 m, 30–512 MHz

Tactical Antennas: Handheld and Manpack



Application

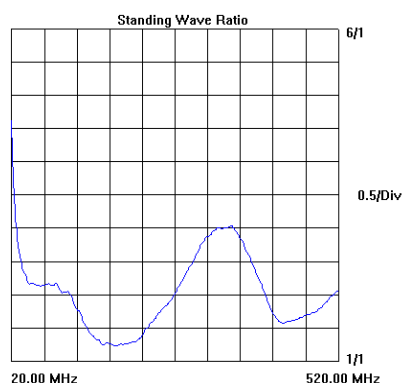
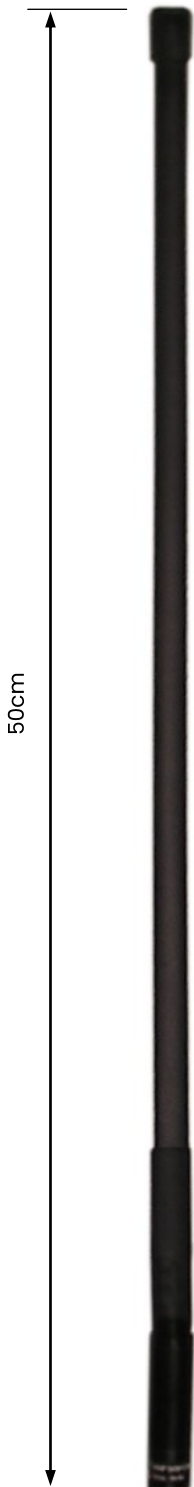
The VHF30512HH is an ultra broadband antenna for portable VHF/UHF radio sets. The antenna comprises both a highly flexible steel radiating element which has been ruggedised for long life and a unique low loss matching network allowing efficient performance over the full frequency band. The antenna can be supplied with a strap for easy folding.

Electrical Specifications

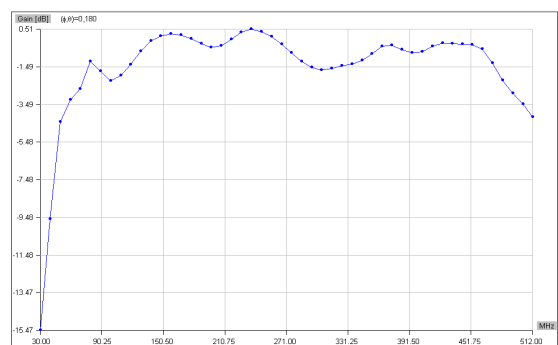
Frequency Range	30–512 MHz
Impedance	50 Ohm
VSWR	< 3.5
Power Rating	16 W
Gain	–16.0dBi, dependent on installation and direction
Connector	TNC male, or customer specified

Mechanical Specifications

Design	Wideband monopole flexible whip with matching network
Length	50 cm
Weight	< 75 g
Finish	Polyurethane lacquer and polyolefin shrink tube
Temperature range	– 55°C to + 71°C



VSWR measured on handheld radio positioned in front of face



Gain simulated with handheld radio placed on ground plane

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All specifications are subject to change without notice
The information contained herein is for reference only and does not constitute a warranty of performance

Partnered Supplier



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