

Application:

The Comrod 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 ruggedized for long life and a unique low loss matching network allowing efficient performance over the full frequency band.

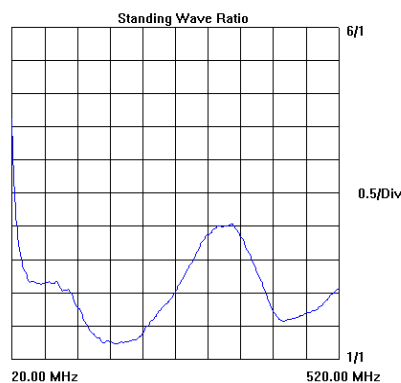
The antenna can be supplied with a strap for easy folding.

Electrical specifications:

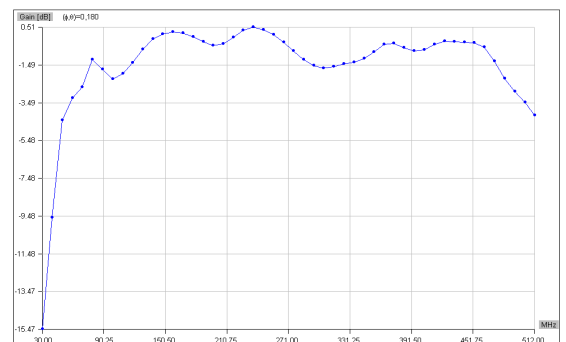
Frequency range	30-512 MHz
Impedance	50 Ohm
VSWR	< 3.5
Power rating	16 W
Gain	-16..0dBi, dependent on installation and direction
Connector	TNC male, or customer specified

Mechanical specifications:

Design	Wideband monopole flexible whip with matching network.
Length	50 cm
Weight	< 75g
Finish	Polyurethane lacquer and polyolefin shrink tube
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F



VSWR measured on handheld radio positioned in front of face



Gain simulated with handheld radio placed on ground plane