

COMROD UHF225450HH

UHF Broadband Rubber Whip Antenna



Application:

Short broadband flexible rubber whip antenna for use on hand-held transceivers.

Built in matching network ensures good VSWR and gain across the entire 225 to 450MHz band.

The antenna is optimised for use on a small "walkie-talkie" that is held in the hand, or on the body with a hands free kit.

Electrical specifications:

Frequency range	225 - 450 MHz
VSWR	< 3.5, see diagram overleaf
Nominal impedance	50 ohm
Power rating	5 W
Gain	-6..+1dBi, see diagram, overleaf
Polarization	Vertical
Connector	to be specified

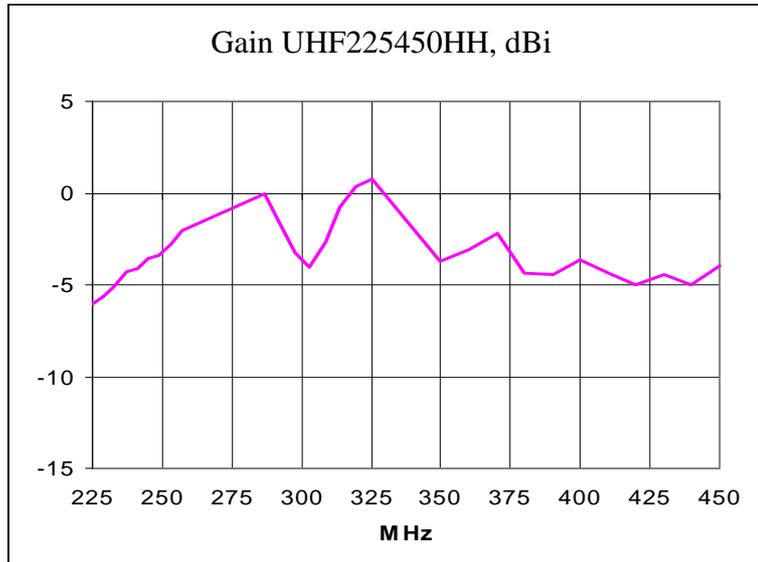
Mechanical specifications:

May vary slightly with different connectors

Design	Wideband monopole flexible rubber whip with built in matching network
Length	145mm
Diameter	Top 7mm Matching network 14mm
Weight	50g
Finish	Black
Temperature range	-55 °C, +71 °C; -67 °F, +160 °F

Gain

Measured maximum gain for UHF225450HH. Gain in horizontal axis is approx. 3dB lower around 350MHz. Measured on radio chassis in free space



VSWR

Measured on radio chassis being held in the hand in front of face.

