

30-512 MHz V/UHF WHIP ANTENNA FOR HANDHELD/MANPACK RADIOS

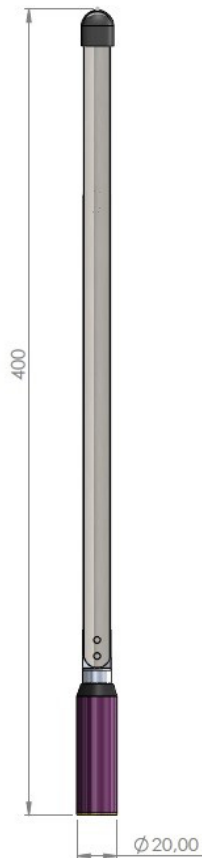
This product is a wideband monopole whip antenna, primarily intended for use with handheld and manpack radios operating in VHF/UHF frequency range from 30 to 512 MHz. The antenna is composed of radiating part made of bendable tape radiator providing high flexibility and roughness. A unique low loss matching network is placed above the connector, ensuring good VSWR and gain response across the entire frequency band. The connector is male type TNC which is designed with inner part intended for electrical connection between the radio unit, middle part which is intended to hold the antenna in position and outer part which is intended to fasten the antenna firmly on the radio connector.



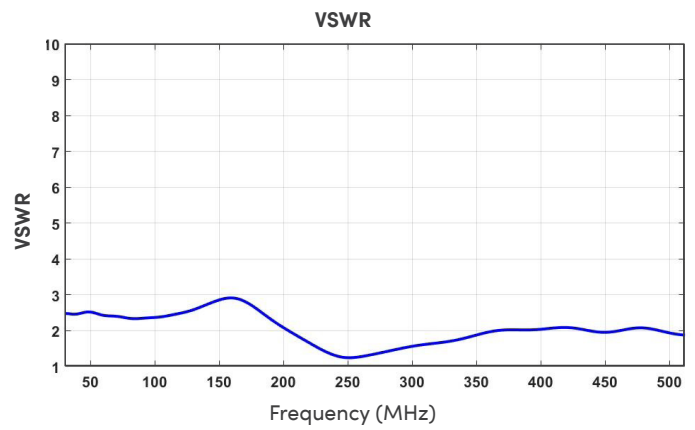
V/UHF WHIP ANTENNA FOR HANDHELD/MANPACK RADIOS

Frequency	30-512 MHz
Impedance	50 Ohm
VSWR	< 3
Gain	-25...+5 dBi
Polarization	Linear
Maximum Power Handling	12 W CW
Connector Type	TNC M
Weight	80 g
Dimensions	400 mm × 20 mm
Operating Temperature	-41...+71 °C
Storage Temperature	-55...+85 °C
MIL-SPEC	MIL-STD-810G

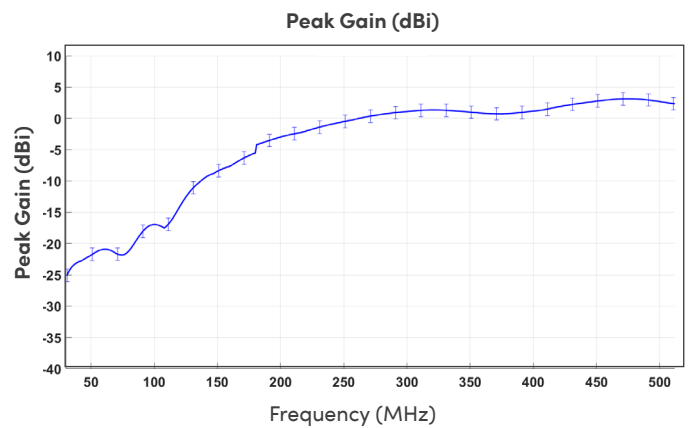
► Technical Dimensions



► Typical VSWR vs Frequency



► Typical Peak Gain vs Frequency



► Normalized Azimuth and Elevation Pattern at 275 MHz.

