

## Compact Portable Ground Plane Antenna

### FEATURES

- Very light weight (8 ounces, 225 grams typical)
- Easy assembly and disassembly for transport
- Compact size
- Rugged construction to survive abuse
- Available for any VHF/UHF frequency
- Customized mounting configurations available
- Customized connector or stub cable adapter
- Nearly full size performance (unity gain)
- Good bandwidth

### Applications

- Field survey
- Temporary remote communications antenna
- Supplemental antenna for portable radio
- Emergency communication services

### DESCRIPTION

**The XA-CPG Compact Portable Ground Plane Antenna** is designed to be easily and quickly assembled and disassembled in the field. Very light weight and rugged construction allows easy transport by personnel.

When disassembled for transport the antenna will fit into pouch of typically 7 inches long or smaller depending on the antennas operating frequency.

Rugged rubber-covered helical elements are used that resist damage from abuse.

The antenna can be provided for virtually any frequency and with customized mounting options and any connector type or coax cable stubs at low cost and quick turnaround.



### General Specifications

Electrical size	1/4 wave
Impedance	50 ohm
Frequency range	118-900 MHz
SWR	1.5 to 1 max (+/- 5% of center frequency)
Gain (dB)	Unity
Termination	N-type female standard, or custom
Power rating	50 Watts
Weight	250 grams typical
Size factor	1/3 size of 1/4 wave GPA
Elements	flexible rubber covered helix