



Field Guide

Portable Vertical Antenna

Description:

This system is an 8 Band VHF and HF Antenna that covers 2M, 6M, 10M, 12M, 15M, 17M, and 20M.

Specifications:

Power: Full legal limit

Pattern: Omni-directional

RF Connection: SO-239

Frequency: 220MHz, 440MHz, and 2 to 20 meters

Assembly:

- Screw the telescopic element onto the mount.
- Secure the counterpoise ring connector with 1 of the mount's bolts/nuts.

Deployment:

1. Extend the element and adjust it per the tuning chart.
2. Attach your coax and run it 90° from the counterpoise wires.
3. Press the mounting stake into the ground.
4. Fully extend both counterpoise wires in opposite directions.

TUNING CHART (*Element lengths may vary based upon different ground conditions.)

<i>Band</i>	<i>Vertical Element *</i>	<i>Notes:</i>
20 Meters	10 Sections deployed	
17 Meters	8 1/3 Sections deployed	
15 Meters	7 Sections deployed	
12 Meters	6 Sections deployed	
10 Meters	5 Sections deployed	
6 Meters	3 Sections deployed	
2 Meters	2 2/3 Sections	
440MHz	2 feet 2 inches & no counterpoise	
220MHz	2 feet 2 inches & no counterpoise	