CWA-125 HF/SSB Antenna

- Universal mounting hardware included for use with F2265 antenna tuner or other models.
- Installed total height is only 12 feet. Includes 4ea 6 ft loaded whip antennas
- Tested extensively and found to be an excellent antenna by many US State and Federal Agencies

Many customers cannot install large HF antennas that are traditionally used for base stations because of limiting factors such as building restrictions, city codes, footprint issues and so on. The CWA-125 antenna solves this issue. The CWA-125 can be mounted on a short pole or secured to a wall using U-bolts. The design of the antenna provides medium as well as long range omnidirectional propagation.

Assembly and installation of the CWA-125 is simple and can be done with 2 people in as little as 30 minutes. The CWA-125 has been installed and tested in many adverse environments with excellent results. The mast consists of 2ea 6 ft aluminum tubes connected together. If greater height is required additional sections can be ordered. The antenna tuner is mounted to the mast with provided bolts; also available with adjustable clamps to fit a variety of tuners.
**PERFORMANCE SPECIFICATIONS**

**TECHNICAL DATA**

**Frequency Range:** 1.6—30 MHz

**Input Power:** 125 W (two-tone test method and a single tone transmission for CW Morse code, both at a duty cycle of 1 minute transmission/4 minutes reception)

**Tuning Accuracy:** Automatically tunes to 50Ω with a nominal VSWR of 1.5 (maximum VSWR of 2) on any frequency in the 1.6—30 MHz range.

**Number of Memory Channels:** 4437 with Micom tuner

**Tuning Time:**
- Typical: 0.5 seconds
- Maximum: 3 seconds
- From memory: less than 300ms

**Tune Power:** 3—6 Watts

**Power Requirements:** 12VDC nominal, 1.2A supplied through RF coax cable from the radio to the tuner

**Azimuth Radiation Pattern:** Omni-directional

**Antenna Dimensions:**
- Height: 12ft
- Length: 12ft 4in
- Width: 12ft 4in

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