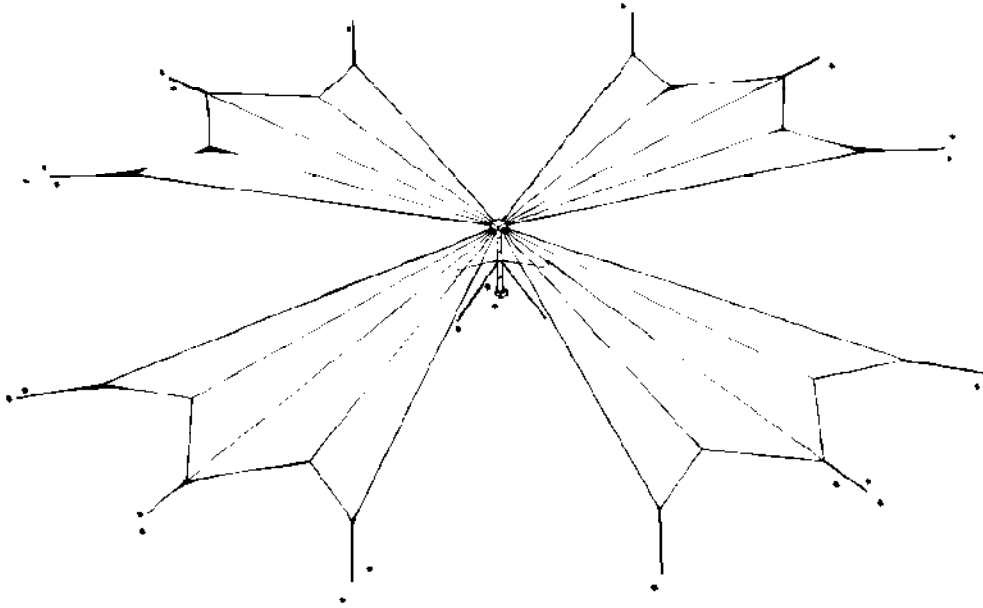


HT-25A

- SHORT RANGE
- DUAL INPUT
- TRANSPORTABLE
- BROADBAND



Applications

The HT-25A is a predominately horizontally-polarized, dual-input antenna with full 2 to 30 MHz instantaneous bandwidth at each input. The antenna is formed using crossed, fan-type, sloping dipoles. A sectionalized mast is used to elevate the center to 21 feet. The mast also supports the unit that houses the hybrid and impedance matching devices. The antenna elements are made of vinyl covered galvanized cable to protect the elements from corrosive environments and to minimize high-voltage hazards.

Features

The HT-25A is a militarized, transportable HF antenna specifically designed for short-range (0 to 300 miles) skywave circuits. Horizontal polarization permits operation over all types of soil conditions without need for a ground screen. A hybrid feed provides two isolated RF inputs suitable for receiving and/or transmitting applications up to 1

kW average power. Additionally, the two crossed dipoles provide polarization diversity for receiving. This lightweight antenna is rugged and easy to erect. Two people can install the antenna in less than one hour. The elements are stored on winder boards that contain the terminations, the permanently attached guys, grounding wires, and interconnects.

Equipment Supplied

The HT-25A comes equipped with radiating elements containing terminations, a dual input hybrid, a sectionalized mast, guys, a pivot base, anchors, ground rods, hammer, two transit cases, and two coaxial cables that provide interface connectors at the bottom of the mast.

Optional Equipment

Crank-up mast or pneumatic telescopic mast.
Foot pump or electric compressor.

