

VT-3B

- BROADBAND
- TRANSPORTABLE
- QUICK ERECT
- OMNIDIRECTIONAL

Applications

The VT-3B is a militarized, omnidirectional, transportable antenna designed for point-to-point and ground-to-air line-of-sight tactical communications circuits. The antenna may be shelter-mounted in a free-standing configuration or ground-mounted using guys. The lightweight, quick-erect, rugged design makes the VT-3B ideal for rapid deployment requirements for VHF communications.

Features

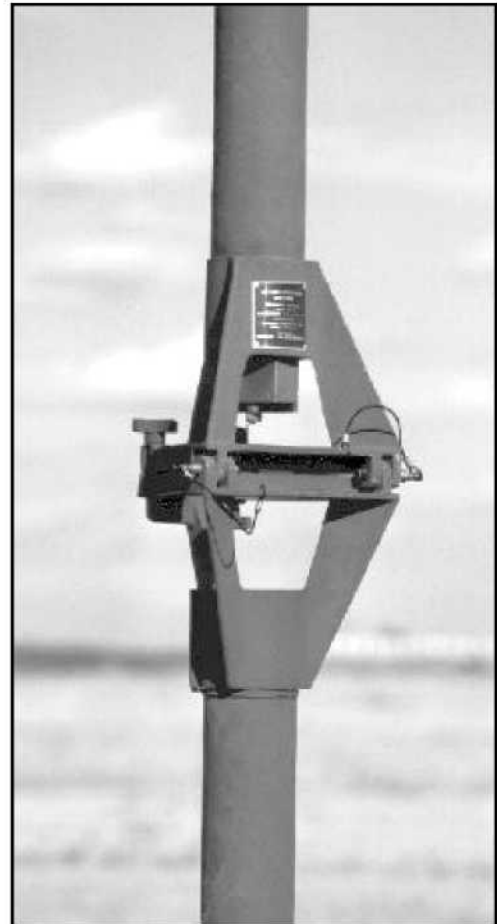
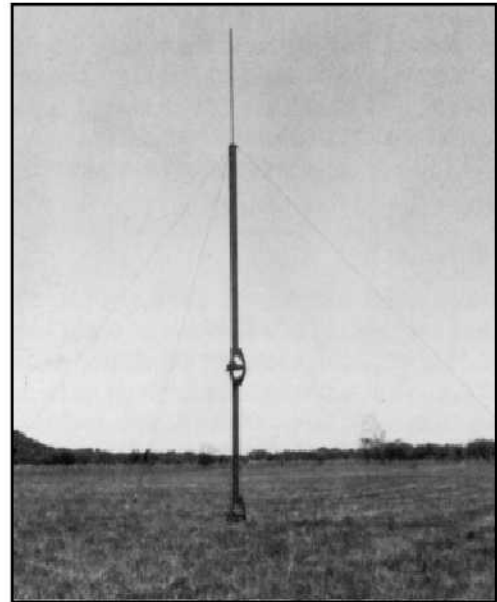
The VT-3B is a broadband dipole that separates into two parts for transit with a maximum storage length of 118 inches. The overall assembled height is 16 feet. The antenna is supplied with a pivot base that permits ease of assembly and erection for either shelter or ground-mounting configuration. The base contains captive hardware for shelter mounting and a fold-away ground anchor to prevent slipping during installation on most types of grounds. Anchors, guys, a grounding rod, and ground strap are available as options for ground mounts. A six-foot pedestal is also available to elevate the antenna above ground.

Characteristics

The VT-3B is capable of accepting up to 250 watts of RF power anywhere in the 30 to 88 MHz band. The input VSWR is less than 3:1 with respect to 50 Ohms. The time required for installation is less than 15 minutes for shelter mounting with one person and typically less than 10 minutes (excluding anchors) for ground mounting using two persons. Under light wind conditions (under 20 mph) one person can install the antenna on the ground in less than 20 minutes.

Optional Equipment

Low pass filter
6 ft pedestal (ground mounting)
Guys, Anchors, Grounding Rod,
Ground Strap, Transit Case




ANTENNA PRODUCTS