

VT-10

- VERTICALLY POLARIZED
- OMNIDIRECTIONAL
- MILITARIZED TRANSPORTABLE

Applications

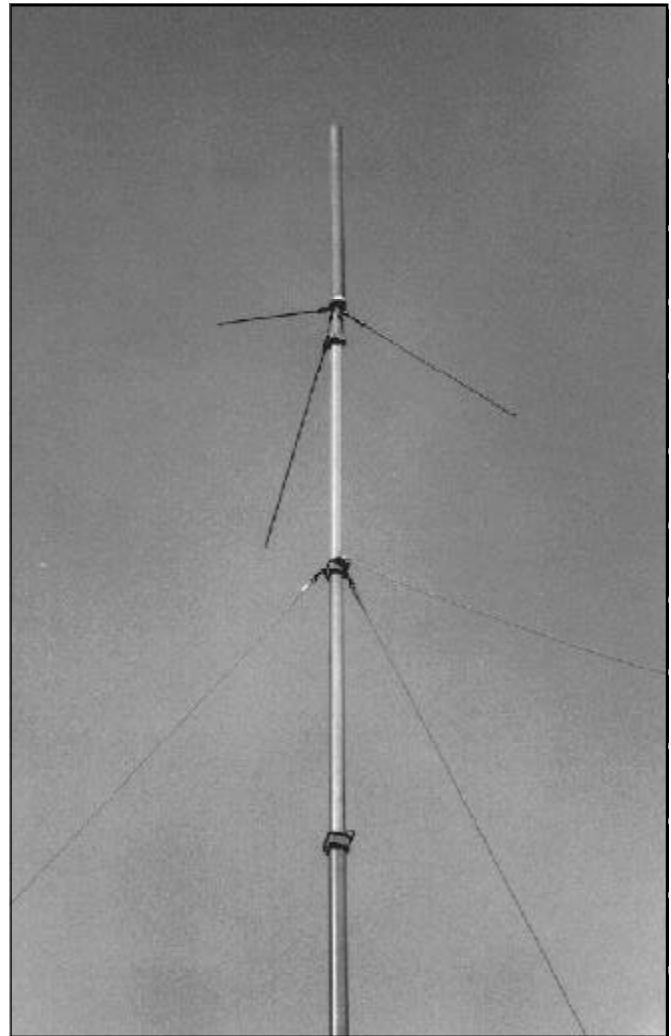
The VT-10 is a lightweight, militarized, vertically polarized, omnidirectional VHF antenna specifically designed for use in transportable applications. The antenna has an instantaneous bandwidth of 30 to 88 MHz making it compatible with VHF and frequency hopping radios. When elevated to 30 feet, it is well suited for either ground-to-air or point-to-point communications paths.

Features

The VT-10 features a lightweight yet rugged configuration that stores in less than 0.6 cubic feet of space, is rapidly deployable. A fiberglass radome totally encloses the radiating element. The base contains the matching unit, provides the interface and a socket interfacing to a mast. The lower radials screw in to the base and serve as an attachment for the guys.

Optional Equipment

Telescoping mast



SPECIFICATIONS

Gain	2 dBi	Wind	120 mph with .5 inch radial ice.
Frequency Range	30-88 MHz	Weight	Less than 10 lbs.
VSWR	2.5:1 maximum	Radome Diameter	2.88 inches
Impedance	50 Ohms unbalanced	Element Size	2.50 inch dia x 60 inches long
Power	100 watts avg, 200 watts PEP	Deployment Time	1 person, less than 5 minutes
Polarization	Vertical	Finish	Aliphatic polyurethane green per MIL-C-46268D, Type IV
Patterns		Mounting	Interface with 2" dia x 3" long tube or pipe
Azimuth	Omnidirectional \pm 1 dB	Radials	3 stand-alone radials
Elevation	65° beamwidth		
Input Connector	Type "N"		