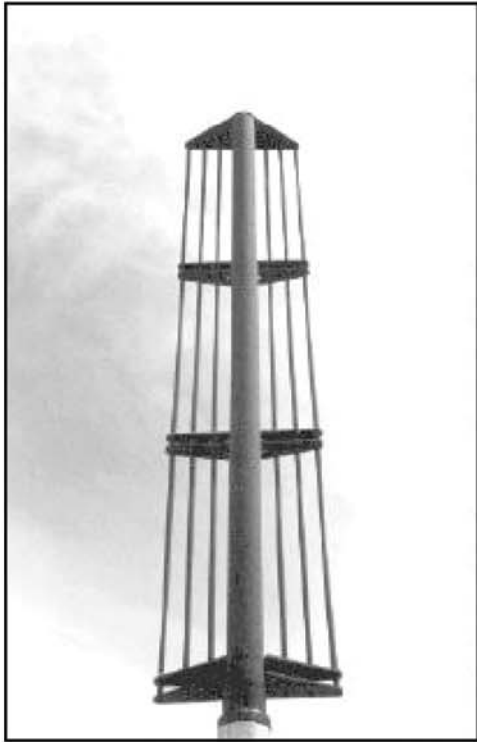


DPV-75AH

Militarized 90 Degree Directional Transportable UHF Antenna



PRODUCT DESCRIPTION

Model Number: **DPV-75AH**

The DPV-75AH is a militarized directional transportable UHF antenna designed for ground-to-air line-of-sight tactical communications circuits. The antenna is vertically polarized, has an instantaneous band width of 960 to 1215 MHz with a 250 watt average power capacity. The lightweight, rugged design makes the antenna ideal for rapid deployment applications. The DPV-75AH is supplied to support ground-to-air JTIDS class 2 navigational band communications circuits, and is designed for mast mounting.

ELECTRICAL SPECIFICATIONS

Frequency Range:	960-1215 MHz
Connector:	Type "N" Female
Polarization:	Vertical
Azimuth Beamwidth:	90° (half power beamwidth)
Elevation Beamwidth:	6-35° above the horizon, not less than CSC2 normalized to -15 dB at 6°
Gain:	13 dBi min
VSWR:	2.0:1
Input Impedance:	50 Ohms
RF Power Rating:	250 watts average, 1000 watts peak

MECHANICAL SPECIFICATIONS

Radome:	Fiberglass
Base Finish:	383 green per MIL-P-53039
Height:	74"
Diameter (Radome):	3"
Weight:	8 lbs.

ENVIRONMENTAL SPECIFICATIONS

Temperature:	-51° to 49° C
Humidity:	95% IAW Para 3.13.3 of MIL-E-16400
Wind:	100
Altitude:	Sea level to 10,00 feet
Shock (in transit case):	4.5 G at 100 msec
Vibration (in case):	1.08 G rms, 5-500 Hz random