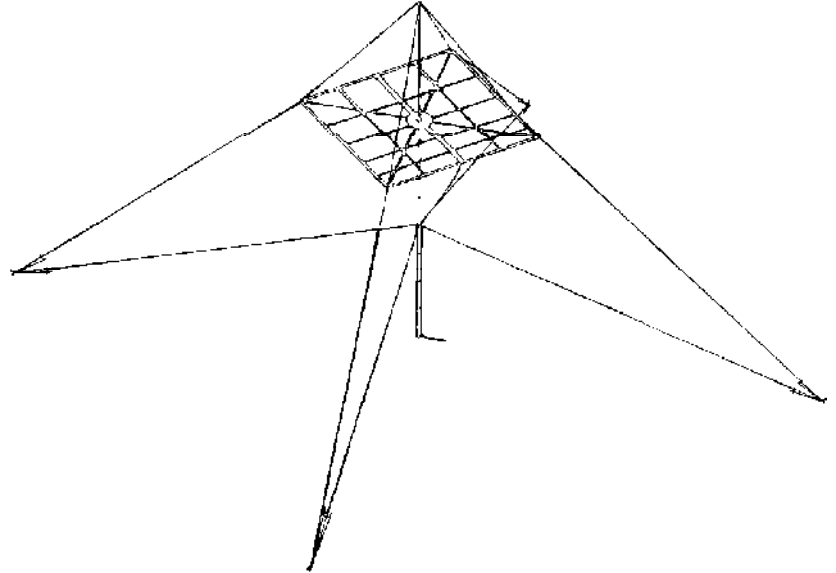
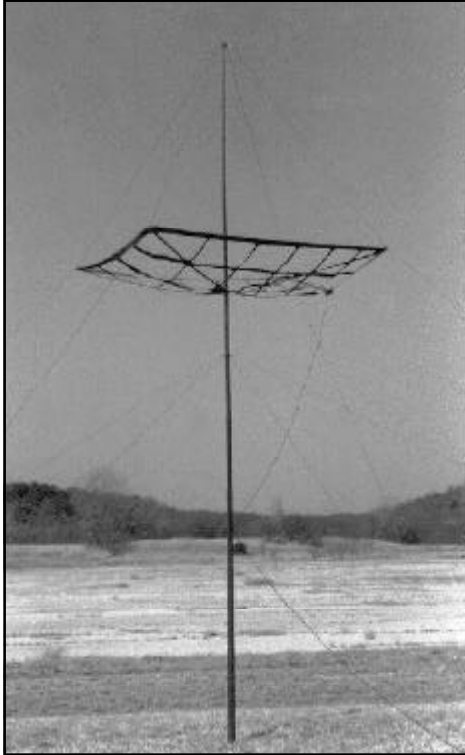


LP-103

- TACTICAL METEOR BURST
- DIRECTIONAL LOG PERIODIC
- TRANSPORTABLE



Applications

The LP-103 is a directional log periodic antenna covering the 40-60 MHz frequency range. It is specifically designed for use in a manpack tactical meteor burst application. The antenna has an instantaneous bandwidth, making it compatible with VHF FM frequency hopping radios. The militarized design makes the antenna suitable for use in adverse environmental applications.

Features

The LP-103 is a lightweight manpack antenna. The antenna curtain is a braided element secured to a canvas support medium, allowing

ease of stowing. The support mast is a telescoping dielectric mast which extends to 20 feet and will collapse to a stowed height of 31 inches. The four-way guys are kevlar. The antenna stows in a canvas carrying bag having a volume of less than 0.3 cubic feet, and weighing less than 10 lbs.



SPECIFICATIONS

Frequency Range	40-60 MHz
VSWR	2:1 maximum
Gain	7.5 dBi
Impedance	50 Ohms unbalanced
Power	300W avg/600W PEP
Polarization	Horizontal
E-Plane Beamwidth	65° nominal
H-Plane Beamwidth	110° nominal
Front-To-Back-Ratio	6 dB minimum
Connector	BNC
Mast Height	20'
Antenna Height	15'
Antenna Weight	10 lbs
Stowed Dimensions (D x L)	4" x 32"
Wind	50 mph, no ice