

WIDEBAND PRODUCTS DIVISION



TACTICAL ANTENNAS

LPD-2100-101

This is a collapsing Log-Periodic antenna that is ideal for tactical and field communications applications. These are extremely durable antennas that can be deployed many times by military troops in harsh environments. The antenna breaks into four main parts with tethered elements to prevent loss and ease assembly. The antenna mount allows a 0 and a +20 degree elevation tilt. An optional dielectric mast with provision for tower mounting is available. The mast breaks into 2 pieces 10 foot long. The antenna can be supplied in three nylon storage bags.



SPECIFICATIONS:

Gain	6 dBi
Frequency	20 to 1000 MHz
Polarization	Linear Vertical or Horizontal
Impedance	50 Ohms
VSWR	2.0:1 typical
Beamwidth (nominal)	75 deg E-plane; 120 deg H-plane
Operating Temperature	-30° to +70°C
Storage Temperature	-47° to +85°C
Front to Back Ratio	18 dB typical
Power Handling	300 Watt CW
Antenna Connectors	N-type Female
Weight: Antenna / Mast	160 lbs / 100 lbs
Antenna Extended Dimensions	27ft x 27 ft
Antenna Collapsed Dimensions	2 Nylon bags: 12" dia x 7' long 1 Nylon bag: 12 " dia x 11' long
Optional Mounting Mast model 2100-T-50 'Extended' for Vertical configuration 'Collapsed' for Horizontal configuration	12 foot dielectric mast with TBD diameter SS extension for T-50UGX Tower 6 foot model for Horizontal polarization

Antenna Research

12201 Indian Creek Court
Beltsville, MD 20705

Phone: 301-937-8888
Fax: 301-937-2796

www.ara-inc.com