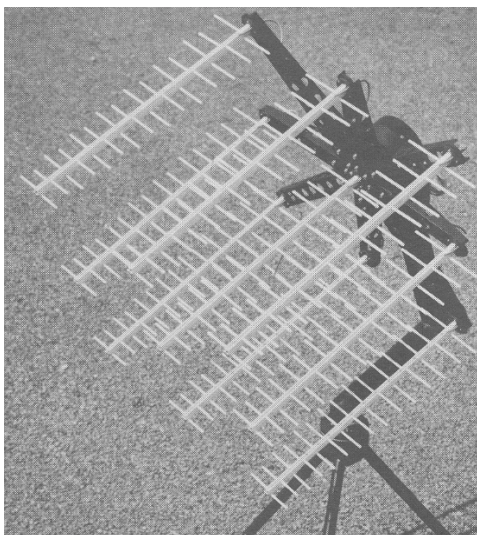


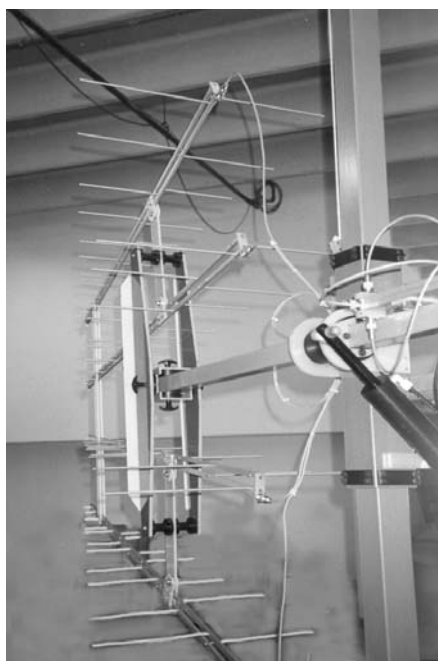
LPA series antennas are log periodic dipole arrays comprising of two or more log periodic dipole antenna elements. All **LPAs** are designed for medium to high gain and high cross-polar rejection. These antennas are ideally suited for generating high fields required for immunity testing.

Two-element log periodic dipole arrays, such as the **LPA-8200**, **LPA-2201**, and **LPA-2020**, offer flat gain over a large bandwidth and low VSWR similar to the performance of an ordinary log periodic dipole antenna. This is extremely useful in generating maximum field strength uniformly over a large test area. A two-element array has 2 to 3 dB higher gain relative to an ordinary log periodic dipole antenna. All two element arrays are optimized for identical beamwidths in both E and H-planes.

The **LPA-2020/A3** is supplied with a 7/16 connector to handle high input power levels in excess of 3 kW.



LPA-820/8



LPA-2201/A2

**WITH ADJUSTABLE HEIGHT MAST
AND POLARIZATION ADJUSTMENT**

SPECIFICATIONS

IMPEDANCE: 50 OHMS, NOMINAL

VSWR: 2 : 1

CONSTRUCTION: ALUMINUM

F/B RATIO: 20 dB MINIMUM

CONNECTOR: N FEMALE

MODEL	FREQUENCY (MHz)	GAIN (dBi)	POWER CW	DIMENSIONS L x W x H	MOUNTING	WEIGHT (LBS/KG)
LPA-8200	80 - 2000	9	2 kW	88" x 90" x 75"	Rear	36 / 16
LPA-2020/A3	200-2000	9-10	3 kW	38" x 36" x 38"	Rear	12 / 6
LPA-2201/A1	220 - 1000	12	1 kW	58" x 30" x 33"	Rear	20 / 9
LPA-2201/A2	220 - 1000	12	2 kW	58" x 30" x 33"	Rear	20 / 9
LPA-820/8	800 - 2000	16 - 19	500 W	24" x 40" x 40"	Rear	30 / 14