

LPD LOCALIZER ANTENNA



LOCALIZER ANTENNA

The LPD (Log Periodic Dipole) Localizer antenna was designed, tested and certified as part of the ILS (Instrument Landing System) used to help pilots navigate a successful aircraft landing. Typically deployed in configurations of 14 or 20 units at the end of the runway, the LPD's work with the ILS beacon to provide information to the pilot telling them if they are left or right of the runway.

FEATURES OF THE LPD

- ▶ Robust Design
- ▶ Welded Elements
- ▶ Fiberglass Weathershield
- ▶ Powder Coated Elements and Supports for Extended Life

**THE LPD IS COMPATIBLE
WITH ILS SYSTEMS.**

HIGH STABILITY

DECADES OF PROVEN RELIABILITY

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ENVIRONMENTAL SPECS

TEMPERATURE RATING, OPERATIONAL	-50C to +70C
RELATIVE HUMIDITY, OPERATIONAL	5% to 100%
ALTITUDE, OPERATIONAL	0 to 100,000 feet
WIND LOADING, OPERATIONAL	100 MPH with ½ Inch radial ice, concurrently

PERFORMANCE SPECS

FREQUENCY RANGE	108-112 MHz
IMPEDANCE	50 Ohms
POWER LEVEL	50 watts CW
POLARIZATION	Horizontal
VSWR	1.2:1 Max