



**LPD-7** (Horizontal polarization shown)

The LPD-Series antennas are comprised of dipole elements connected to a parallel pair of square Aluminum crossarms that form the antenna transmission line. To accomplish end fire log periodic operation, the elements are tapered from the front of the antenna to the back. These rugged 50 Ohm Log Periodic antennas are maintained at D.C. ground potential through the grounding of the crossarms at the rear of the antenna. A ground wire attached to the crossarm mounting of the cable fitting will drain off static build up and provide lightning protection.

## Electrical Specifications

Model	LPD-7	LPD-12
Frequency Range (MHz)	190-250	225-400
Gain (dBi min)	8.0	10.0
VSWR (max)	1.55:1	1.55:1
Polarization	Horizontal or Vertical	Horizontal or Vertical
Impedance	50 Ohm	50 Ohm
Terminal Type	N Female	N Female
Maximum Input Power	500 Watts	500 Watts

## Mechanical Specifications

Model	LPD-7	LPD-12
Length	64.625 in (164.15 cm)	79.50 in (201.93 cm)
Number of Elements	7	12
Longest Element	32 in (81.3 cm)	26.75 in (67.95 cm)
Weight	9.5 lbs (4.3 kg)	14 lbs (6.35 kg)
Mounting	3 in O.D. max (7.82 cm)	3 in O.D. max (7.82 cm)

## TACO Communications Inc.

5512 Bearcreek Drive,  
Mechanicsburg, PA. 17050  
Tel: 717.975.0885 Fax: 717.763.0469  
Email: [tacocomm@aol.com](mailto:tacocomm@aol.com)  
Web Site: [www.tacocommunications.com](http://www.tacocommunications.com)

## TACO Communications Inc.

29 Sharp Road,  
Brantford, Ontario  
N3T 5L8  
Canada