

LOG PERIODIC DIPOLC ANTENNA

100-1000MHZ 10 dbi.Gain

General:

This log periodic dipole antenna is designed to provide wideband directional signals from VHF through to the UHF bend,1000MHZ.

Output is provided via one 50 ohms coaxial in the frequency 100-1000MHz

This log periodic dipole antenna system is suitable for Wide – Bend operations.

The antenna is designed to operate at D.C. ground.

Gain on Frequencies

100-1000Mhz :10 dbi.

ELECTRICAL DATA

Frequency Range	100-1000(MHz.)
Gain (dbi.)	10 dbi.
Bandwidth (MHz.)	Interband
Input Termination	N-Female
Polarization	Vertical or Horizontal
VSWR	2.5
Input Impedance	50 (ohms)
Radiation Pattern	Directional
Front to Back Ratio	20
Lightning Protection	Direct Ground
Input power	50 Watt

MECHANICAL DATA

Materials	Aluminum
Mounting-HW	Stainless Steel
Weight (Kg)	8
Wind Rating(KMPH.)	170

Support Boom

- Materials	Aluminum
- Cross Section	Square
- O D.(mm)	25mm
Overall Length of	280cm
Fars Boom-meters	
Mount Pipe Diameter	(50-52) mm