

Features

- **Log-Periodic Antenna for Tx / Rx Application**
- **Frequency Range : 20 – 1100 MHz**
- **VSWR 2.5 (Nominal)**
- **Gain >6 dBi**
- **Impedance - 50Ω (Nominal)**
- **Precision construction**
- **Material – Aluminium / Steel supports**
- **Wind Rating 140Km/hr**

Description

The ANB-LPD2-2010 is a log periodic dipole array antenna, specially designed for Tx / Rx application. The antenna can be oriented in both horizontal and vertical polarizations. The ruggedized aluminium construction of the antenna along with steel supports, allows it be used in outdoor environments. Each individual antenna is precision manufactured, tested and calibrated before delivery.

The antenna is capable of handling power levels up to 1000W for transmission application.

The antenna can be used for signal reception / transmission in Signal Intelligence or bidirectional communication applications.

Specifications*

<i>Model</i>	AN-LPD2-2010
<i>Frequency Range</i>	20 – 1100 MHz
<i>VSWR</i>	2.5
<i>Gain</i>	>6 (dBi)
<i>Max Power</i>	1000 watt
<i>Polarisation</i>	Linear (V / H)
<i>Connector Type</i>	N female
<i>Dimensions (WxL)</i>	7.5m x 5.1m
<i>Weight</i>	22.5 Kg
<i>Environmental</i>	-30°C to +52°C (In use) -40°C to +70°C (storage)
<i>Mounting</i>	Supplied with mounting clamps
<i>Applications</i>	Tx/ Rx for Bidirectional communication, Signal intelligence

* Nominal values, subject to change without notice.

Calibration

Each antenna is individually calibrated (traceable) at an Open Area Test Site as per ANSI 63.5. IEC 17025 Accredited calibration is available upon request.