

Features

- **Log-Periodic Antenna for Tx / Rx Application**
- **Frequency Range : 70 – 3000 MHz**
- **VSWR <2.5**
- **Gain 4-8 dBi**
- **Impedance - 50Ω (Nominal)**
- **Precision construction**
- **Material – Aluminium**
- **Individual calibration as per ANSI 63.5 / SAE ARP 958**



Description

The ANB-LPD-703GHP is a log periodic dipole array antenna, specially designed for EMC/EMI compliance testing in accordance with ANSI/CISPR/SAE ARP test standards. The ruggedized aluminium construction of the antenna allows it to be used in both indoor and outdoor laboratory environments. Each individual antenna is precision manufactured, tested and calibrated before delivery. The antenna is supplied with additional folded elements to reduce its size with negligible effect on the performance.

The antenna is capable of handling power levels up to 1000W for immunity tests.

The antenna is mounted with an adapter to change polarization without the need of removing it from the antenna mast.

The antenna can be used for Radiated Immunity and other electro-magnetic (EM) field measurement applications.

Specifications*

Model	AN-LPD-703GHP
Frequency Range	70 – 3000 MHz
VSWR	<2.5
Gain	4-8 (dBi)
Max Power	1000 watt
Polarisation	Linear (V / H)
Connector Type	N female
Dimensions (WxL)	1.9x1.5m(folded elements) 1.9x2.18 (Straight elements)
Weight	<3.5 Kg
Environmental	-30°C to +52°C (In use) -40°C to +70°C (storage)
Mounting with adapter	1/4X20 threads, Female
Applications	Radiated Emissions / Immunity and EM field monitoring

* 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.



