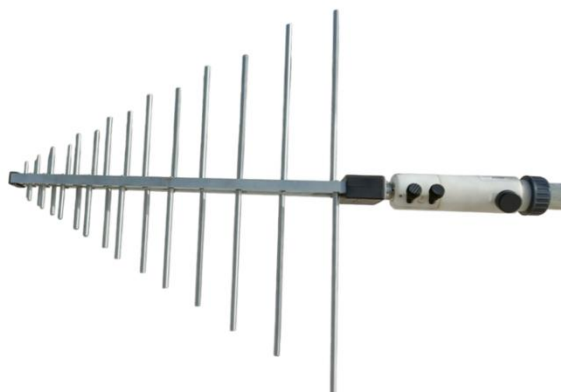


Features

- **Log-Periodic Antenna for EMC /EMI Testing**
- **Frequency Range : 200 – 1500 MHz**
- **VSWR <2 (200 – 1000 MHz)**
- **Nominal Gain 6 dBi, Peak Gain>6.5dBi**
- **Impedance - 50Ω (Nominal)**
- **Cross Polarisation >-20dB**
- **Material - Aluminium**
- **Individual calibration as per ANSI 63.5 / SAE ARP 958**
- **Humidity 5-80%**



Description

The AN-LPD-0215 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 be used in both indoor and outdoor laboratory environments. Each individual antenna is precision manufactured, tested and calibrated before delivery.

The antenna is capable of handling power levels up to 300W for immunity tests.

The antenna can be used for Radiation Emissions, Immunity, Normalized Site Attenuation (NSA), and other electro-magnetic (EM) field measurement applications.

Specifications*

Model	AN-LPD-0215
Frequency Range	200 – 1500 MHz
VSWR	<2 (200 – 1000 MHz)
Antenna Factor (dB/m)	10 – 30 (dB/m)
Max Power	300 watt
Polarisation	Linear
Connector Type	N female
Dimensions (L x W)	970 x 756 mm
Weight	2.2 Kg
Environmental Operating/Storage	-20°C to +40°C/ -40 to +70° C
Mounting	22mm diameter tube
Applications	Radiated Emissions / Immunity / NSA Testing 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 or SAE ARP 958. IEC 17025 Accredited calibration is available upon request.

Related Products

MAS_FG_03

Modular telescopic non reflective fibre glass mast

Typical Conversion Factors of AN-LPD-00215 LPDA Antenna