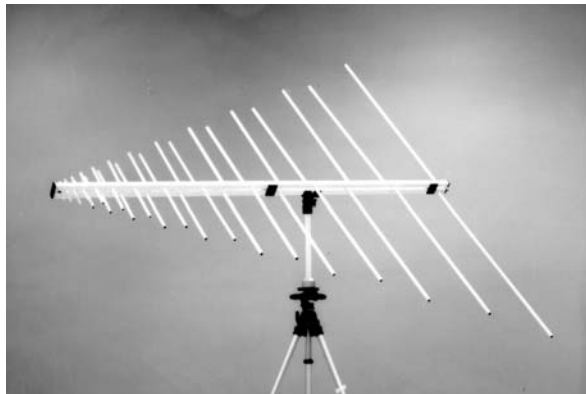


# Advanced Antennas

## AA-LPD-70M1G | Antenna, Log Periodic



### Description

The AA-LPD-70M1G is designed to meet antenna requirements for both field strength measurement and radiated susceptibility in the 70 MHz to 1 GHz frequency range.

### Applications

The AA-LPD-70M1G is capable of operating as a transmitting or receiving antenna over the frequency range of 70 MHz to 1 GHz. Its linearly polarized design allows separate characterization of horizontal and vertical electric field component. The broadband coverage of the AA-LPD-70M1G eliminates the need for band switching, element extension or external tuning.

Its high gain allows testing to IEC-1000-4-3 (IEC 8012-3) with less transmit power than other antennas.

All aluminum construction contributes durability. Transmit power handling is up to 1000 watts.

### Specifications

#### Electrical

**Frequency Range:** 70 MHz - 1 GHz

**Impedance:** 50 Ohms, nominal

**Gain:**

**Average VSWR:** <2:1

**Max Continuous Power:** 1000 W

**Peak Power:** 1300 W

**Connector:** Type N, female

#### Mechanical

**Length:** 208 cm (82")

**Depth:** 6.4 cm (2.5")

**Width:** 216 cm (85")

**Weight:** 5.5 kg (12 lbs.)

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