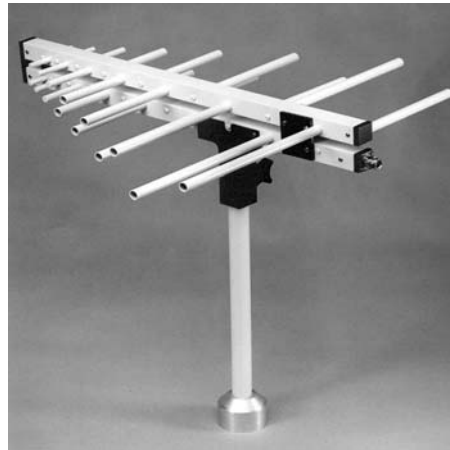


**EM-6950**  
**LOG PERIODIC ANTENNA**



**Features**

- **Wide frequency coverage**
- **High sensitivity**
- **Flat frequency response**
- **Compatible with many measurement instruments**
- **Individually calibrated with certificate of conformance**

**Description**

The Electro-Metrics EM-6950 Log Periodic Antenna was designed to operate over the 200 MHz to 1 GHz frequency range to meet VDE/FCC, military, and other EMI specifications.

The broadband frequency capacity of the EM-6950 eliminates the need for band switching, element extension or external tuning when used for EMI ambient surveys or spectrum signature measurements.

**Applications**

The EM-6950 is capable of operating either as a transmitting or as a receiving antenna over the frequency range of 200 MHz to 1 GHz. Its linearly polarized design permits separate measurement of horizontal and vertical electric field components over its established range.

All-Aluminum construction makes it easily portable and suitable for use in applications where space is limited. The EM-6950 Log Periodic Antenna is fully calibrated and used primarily for radiated emission and susceptibility specification testing.

# EM-6950

## LOG PERIODIC ANTENNA

### Specifications

#### Electrical

<b>Frequency Range:</b>	200 MHz – 1 GHz
<b>Input Impedance:</b>	Calibrated in a 50-ohm system
<b>Average VSWR:</b>	<2:1
<b>Maximum Continuous Power:</b>	1000 W
<b>Peak Power (short term):</b>	1300 W
<b>Output Connector:</b>	Type N, female

#### Mechanical

<b>Length:</b>	749 mm (29.5")
<b>Width:</b>	749 mm (29.5")
<b>Depth:</b>	63.5 mm (2.5")
<b>Weight:</b>	1.8 kg (5 lbs.)

Specifications subject to change without notice.  
Unless otherwise specified, product is manufactured in Johnstown, NY USA.

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