

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

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

Mechanical

Length:	749 mm (29.5")
Width:	749 mm (29.5")
Depth:	63.5 mm (2.5")
Weight:	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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