

EM-6951 | Antenna, Log Periodic



Features

- Wide frequency coverage
- High sensitivity
- Flat frequency response
- Compatible with a large variety of measurement instruments

Description

The Electro-Metrics EM-6951 Log Periodic Antenna was designed to operate over the 300 MHz to 1 GHz frequency range.

Applications

The EM-6951 is capable of operating either as a transmitting or as a receiving antenna over the frequency range of 300 MHz to 1 GHz. Its linearly polarized design permits separate measurement of horizontal and vertical electric field components over its established range.

The broadband frequency capacity of the EM-6951 eliminates the need for band switching, element extension or external tuning when used for ambient surveys or spectrum signature surveys.

All-aluminum construction makes it easily portable and suitable for use in applications where space is limited.

Specifications

Electrical

Frequency Range: 300 MHz – 1 GHz

Gain: 5 dB Typical

Impedance: 50 Ohms, nominal

Average VSWR: 2:1

Maximum Continuous Power: 1000 W

Connector: Type N, female

Mechanical

Length: 572 mm (22.5")

Width: 483 mm (19")

Depth: 127 mm (5")

Weight: 1.4 kg (3 lbs.)

Ref: 100501

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

