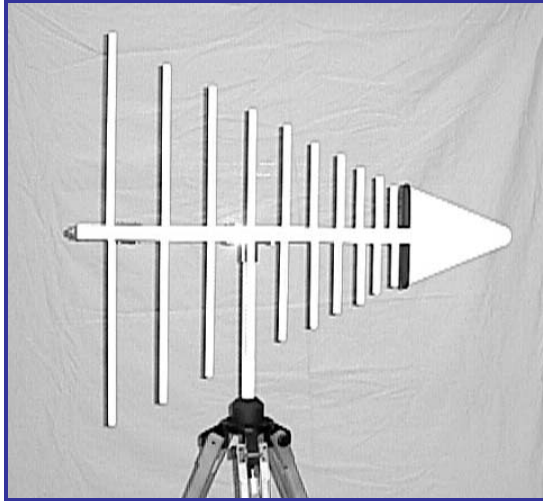


## EM-6947 | Antenna, Log Periodic



### Description

The EM-6947 is an ultra-wide bandwidth log periodic dipole array aimed at applications requiring consistent performance over a very wide frequency range. Capable of both receiving and moderate power level transmitting, the EM-6947 can take the place of two or more conventional antennas, allowing you to take full advantage of the tuning range capabilities of modern receiver and spectrum analyzer designs with less inconvenience caused by the need to switch antennas.

The EM-6947 is supplied with individually measured calibration data for EMC testing applications, and has many uses in communications spectrum monitoring and surveillance as well.

### Specifications

#### Electrical

**Frequency:** 200 MHz - 5 GHz

**Gain:** 6 dBi, typical

**Average VSWR:** 1.8:1

**Connector:** Type N, female

**Maximum Continuous Power:**

150 W < 1 GHz

70 W > 1 GHz

#### Mechanical

**Length:** 82.6 cm (32.5")

**Width:** 74.9 cm (29.5")

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

**Weight:** 1.8 kg (4.0 lbs.)

Ref: 100405

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