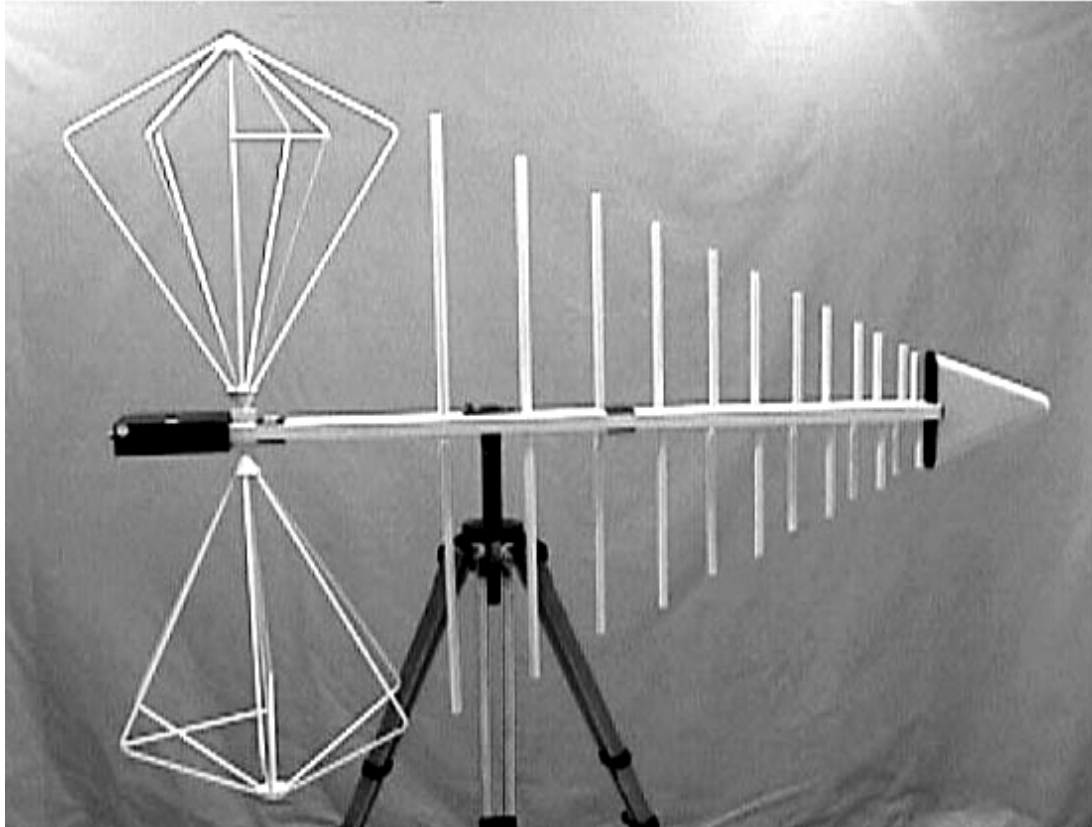


## **EM-6917B-1 BICONICALOG ANTENNA**



### **Description**

The EM-6917B-1, a hybrid combination of the industry standard biconical and log periodic antennas, delivers an unmatched combination of frequency coverage and high power handling capability. Featuring exceptionally broad frequency coverage of 30 MHz to 3 GHz, the EM-6917B-1 eliminates the need for adjustments or switching antennas in most test applications up to 3 GHz, and it does so without compromising power handling capability for transmit applications.

The EM-6917B-1 is supplied with an integral balun which minimizes the effect of cable placement on measurements as seen with some other antennas. Telescopically collapsible biconical elements are available for improved performance at lower frequencies. Each antenna is individually calibrated for field strength measurements from 30 MHz to 3 GHz.

# EM-6917B-1

## BICONICALOG ANTENNA

### Specifications

#### Electrical

<b>Frequency Range:</b>	30 MHz - 3 GHz
<b>Impedance, nominal:</b>	50 Ohms, nominal
<b>VSWR:</b>	<2.0:1, typical
<b>Power:</b>	1000 W, peak
<b>Connector:</b>	Type N, female

#### Mechanical

##### Log Periodic Section:

<b>Length:</b>	1.53 m (60.2")
<b>Width:</b>	1.02 m (40.2")
<b>Height:</b>	12.7 cm (5.0") 55 cm (22") with antenna mount
<b>Weight:</b>	4.5 kg (10 lb.)

##### Fixed Elements:

<b>Length:</b>	1.98 m (78.0") maximum
<b>Diameter:</b>	2.92 m (115") maximum
<b>Height:</b>	1.58 m (62")

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

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