

## EM-6917B-2 | Antenna, Biconical



### Description

The EM-6917B-2 is a hybrid of the industry-standard biconical and log periodic antennas delivering an unmatched combination of frequency coverage and high-power handling capability.

Featuring exceptionally broad frequency coverage of 26 MHz to 3 GHz, the EM-6917B-2 eliminates the need for adjustments or antenna switching in most test applications up to 3 GHz, and it does so without compromising power handling capability for transmit applications.

The EM-6917B-2 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 improve performance at lower frequencies, increasing gain at 26 MHz as high as -20 dB. Each antenna is individually calibrated for field strength measurements from 26 MHz to 3GHz.

### Specifications

#### Electrical

<b>Frequency Range:</b>	26 MHz to 3 GHz
<b>Impedance, nominal:</b>	50 Ohm, nominal
<b>VSWR:</b>	<2.0:1, typical
<b>Power:</b>	1000 W, peak
<b>Connector:</b>	Type "N", female

#### Log Periodic Section

<b>Length:</b>	1.70 m (67")
<b>Width:</b>	1.02m (40.2")
<b>Height:</b>	12.7 cm (5.0")

#### Mechanical

Telescoping Elements	
<b>Length:</b>	2.76 m (108.5") tip to tip
<b>Diameter:</b>	1.52 m (60")
<b>Blade Width:</b>	4.5 kg (10 lb)

Specifications subject to change without notice, unless otherwise specified. Product is manufactured in Johnstown, NY, U.S.A.

