

EM-6917B-1 | Antenna, Biconical



Description

The EM-6917B-1, a hybrid 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 26 MHz to 3 GHz, the EM-6917B-1 eliminates the need for adjustments or antenna switching in most test applications up to 3 GHz, and does so without compromising power handling capability for transmit applications.

The EM-6917B-1 is supplied with an integral balun that 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 26 MHz to 3 GHz.

Specifications

Electrical

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

Fixed Elements:

Length:	1.98 m (78.0") maximum
Diameter:	2.92 m (115") maximum
Height:	1.58 m (62")

Mechanical

Log Periodic Section:	
Length:	1.53 m (60.2")
Width:	1.02 m (40.2")
Height:	12.7 cm (5.0") 55 cm (22") with antenna mount
Weight:	4.5 kg (10 lb.)

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

