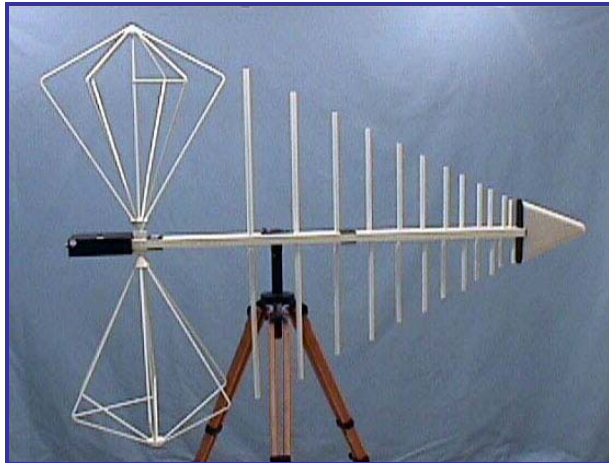


EM-6917B-1 | Antenna, Biconical



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 26 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 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

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.)

Fixed Elements:

Length: 1.98 m (78.0") maximum

Diameter: 2.92 m (115") maximum

Height: 1.58 m (62")

Ref: 110113

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

