

EM-6917C-1 | Antenna, Biconica-log



Description

The EM-6917C-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 1 GHz, the EM-6917C-1 eliminates the need for adjustments or switching antennas in most test applications up to 1 GHz, and it does so without compromising power handling capability for transmit applications.

The EM-6917C-1 can be operated as either a transmitting or receiving antenna over its entire frequency range. This may be the only antenna you need to perform many commercial EMI emissions tests, and its integral balun minimizes the effect of cable placement on measurements seen with some other antennas. In addition, its transmit capability allows generation of the necessary fields for IEC 1000-4-3 (IEC 801.3) radiated immunity testing from 80 MHz to 1 GHz.

Specifications

Electrical

Frequency Range:	26 MHz - 1 GHz
Impedance, nominal:	50 Ohms, nominal
VSWR:	<2.0:1, typical
Power:	1000 W, peak
Connector:	Type "N", female

Biconical Elements:

Length:	1.30 m (50.0") Tip-to-tip
Diameter:	520 mm (20.5") maximum

Mechanical

Log Periodic Section:	
Length:	1.45 m (57.25")
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.

