

EM-6913| Antenna, High Field Biconical

Description

The EM Antenna's EM-6913 can be used to generate high-intensity fields as required for EMC immunity testing, 20 MHz to 300 MHz.

The broadband frequency characteristics of the balun provide an optimum impedance match to the biconical elements over more than a decade of frequencies. The heavy-duty construction of the bifilar wound balun helps prevent overload or breakdown under high-power operation. The balun enclosure protects the user from accidental burns while allowing for cooling through natural convection.



Specifications

Electrical

Frequency Range:	20 MHz - 300 MHz
Input Impedance:	Calibrated in a 50-ohm system
Power Input Capability:	1 kW long term average power 2 kW short duration average power
Connector Type:	Type N, female
Average Balun VSWR:	2.5:1 or less

Mechanical

Assembled Dimensions:	
Length:	133.35 cm (52.5") tip-to-tip
Diameter:	52.1 cm (20.5") maximum
Weight:	3.2 kg (7 lbs)

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

