

MODEL NUMBER:
PLA1M

**PASSIVE SHIELDED LOOP ANTENNA
 20 HZ – 1 MHZ**

This passive antenna is an electrostatic shielded loop that is an excellent solution for low frequency magnetic field emissions and immunity testing.



FEATURES

- Emissions and Immunity Testing
- CISPR, MIL-STD compliance testing
- Rugged Construction
- Three Year Warranty

TECHNICAL DATA

Frequency Range	20 Hz – 1 MHz
Max. Continuous Input	10 Watts
Connector	BNC, Female
Mounting Base	¼ x 20 Thread, Female

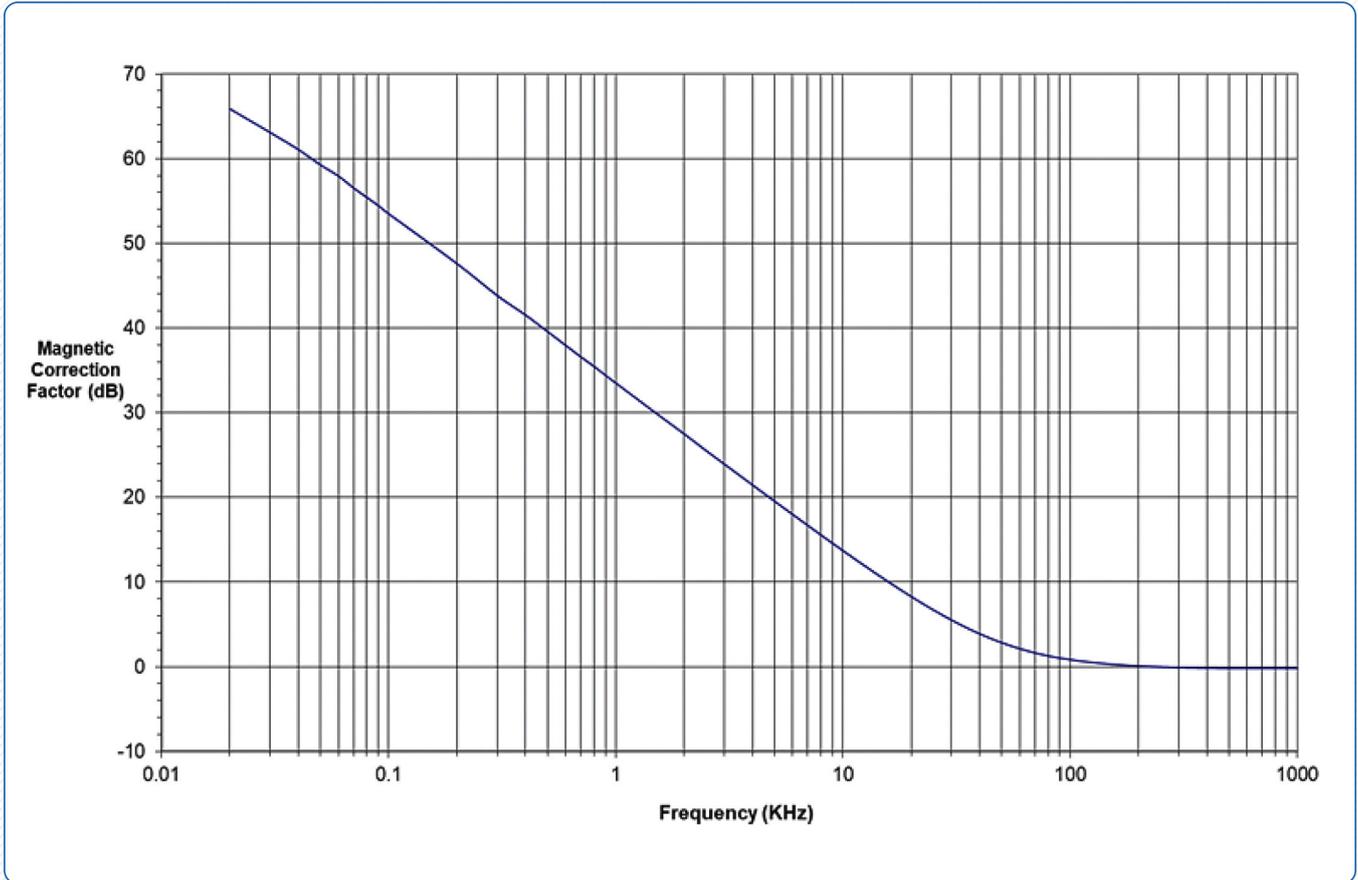
It has been found that the primary field component responsible for interference is the magnetic field in the 20 Hz to 1 MHz frequency range. This Passive Loop Antenna is designed with a balanced Faraday shield for magnetic field emissions and immunity type measurements. The loop antennas electrostatic shield minimizes the E-field response for a more accurate magnetic field measurement. With emerging technologies like wireless power and possible changes for radiated emission test distances, passive loop antennas are an ideal test solution.

The PLA1M passive loop antenna covers the 20 Hz to 1 MHz frequency range, has a 1/4-20 thread for easy tripod mounting and comes with individual calibration results per IEEE 291 section 2.2.1

PHYSICAL DIMENSIONS

Loop Diameter	22 3/8 in. (56.8 cm)
Dimensions	23" x 25 5/8" x 5 1/2" (58.4cm x 65cm x 14cm)
Weight	2.5 lb.'s (1.13 kg)

CALIBRATION, PASSIVE LOOP ANTENNA



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