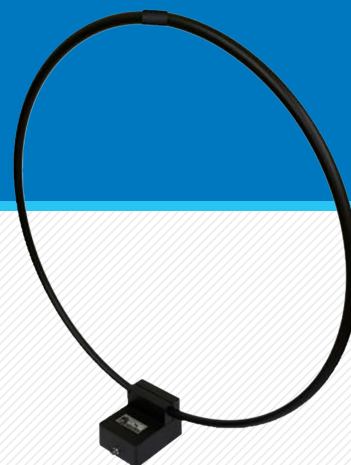


MODEL NUMBER:

**PLA30M9k**

**PASSIVE SHIELDED LOOP ANTENNA**

*per CISPR 16-1-4*



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	9 KHz – 30 MHz
Max. Continuous Input	20 Watts
Connector	BNC, Female
Mounting Base	¼ x 20 Thread, Female

The easiest method to avoid antenna saturation for the measurement of high magnetic fields is to use a passive antenna. 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.

Built to match the CISPR 16-1-4 electrically-screened loop antenna requirements.

The PLA30M-9K passive loop antenna covers the 9 KHz to 30 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

