

## Features

- *Passive Loop Antenna for SE Testing*
- *Frequency Range : 9 KHz – 10 MHz*
- *Diameter 0.3m*
- *Rugged construction*
- *Electro-statically shielded with rejection of 20dB*
- *Individual calibration as per ANSI 63.5 / CISPR 16-1-4.*



## Description

The AN-MLO-9103P is a 0.3m diameter electro-statically shielded magnetic loop antenna used for shielding effectiveness measurements, emission measurements and other general purpose magnetic field measurements in the (9KHz – 10 MHz) band.

The antenna consists of a eight turns of 14 AWG PVC coated wire. The antenna output port is a high-quality female N Type connection for the measuring instrument.

The antenna can be supplied with a base with drilled / tapped hole for mounting on tripods with ¼" x 20 threads. An additional L adaptor permits mounting the loop in horizontal polarization.

The electrostatic shield of the antenna is made of mild steel for durability and ruggedness.

## Specifications\*

Model	<b>AN-MLO-9103P</b>
Frequency Range	<b>9 KHz – 10 MHz</b>
Loop Diameter	<b>0.3m</b>
# Turns	<b>8</b>
Wire Type	<b>14 AWG PVC Coated.</b>
Shielding	<b>Electrostatic</b>
Termination	<b>BNC-F 50Ω N-F (optional)</b>
Size	<b>300 x 328 mm</b>
Weight	<b>0.3 Kg</b>
Environmental	<b>-20°C to +40°C</b>
Mounting	<b>¼" x 20 threads with L adaptor for H pol.</b>
Applications	<b>SE Testing (IEEE 299)</b>

\* Nominal values, subject to change without notice.

## Related Products

Pre-Amp 9K10M

MAS\_FG\_03

The passive loop antenna can be used in Active Mode by connecting it up with this pre-amplifier

Modular telescopic non reflective fibre glass mast