

## Features

- *Passive Loop Antenna for SE Testing*
- *Frequency Range : 1MHz – 30 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-1303P 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 (1 MHz –30 MHz) band.

The antenna consists of single turn 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 an additional base with a 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-1303P</b>
Frequency Range	<b>1 MHz – 30 MHz</b>
Loop Diameter	<b>0.3m</b>
# Turns	<b>1</b>
Wire Type	<b>14 AWG PVC Coated.</b>
Shielding	<b>Electrostatic</b>
Termination	<b>N-F</b>
Size	<b>300 x 328 mm</b>
Weight	<b>0.6 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

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

MAS\_FG\_03

Modular telescopic non reflective fibre glass mast