

Features

- *Passive Loop Antenna*
- *Frequency Range : 10Hz – 1 MHz*
- *Diameter 13.3 cm*
- *Rugged construction*
- *Electro-statically shielded with rejection of 20dB*



Description

The AN-MLO-101MP is a 13.3 cm diameter electro-statically shielded magnetic loop antenna used for Mil Std 461, RE 101, magnetic field emission measurements and other general purpose magnetic field measurements in the (10 Hz to 1 MHz) band.

The antenna consists of 36 turns of 7/41 AWG litz enamel coated wire. The antenna output port is a BNC Type connection for the measuring instrument.

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

The antenna base plate ensures 7 cm separation from EUT

Specifications*

| | |
|-----------------|--------------------------------------------------|
| Model | AN-MLO-101MP |
| Frequency Range | 10Hz – 1MHz |
| Loop Diameter | 13.3 cm |
| # Turns | 36 |
| Wire Type | 7 strand 41 AWG Litz. |
| Shielding | Electrostatic |
| Termination | BNC |
| Size | 10.8 x 16 cm x 20 cm |
| Weight | 0.6 Kg |
| Environmental | -20°C to +40°C |
| Mounting | ¼" x 20 threads with L adaptor for H pol. |
| Applications | RE 101 / Mil Std 461 |

* Nominal values, subject to change without notice.

Calibration

The antenna is individually calibrated (traceable) inside a TEM Cell. IEC 17025 accredited calibration is available upon request.

MAS_FG_03

Modular telescopic non reflective fibre glass mast

