

Features

- *Passive Loop Antenna for SE Testing*
- *Frequency Range : 30Hz – 100 KHz*
- *Diameter 4 cm*
- *Rugged construction*
- *Electro-statically shielded with rejection of 20dB*



Description

The AN-MLO-30100KRX is a 4 cm diameter electro-statically shielded magnetic loop antenna used as a receive antenna for Mil Std 461, RS 101, magnetic field susceptibility measurements and other general purpose magnetic field measurements in the (30 Hz to 100 KHz) band. The antenna is useable up to 200 kHz for ISO 11452-8 testing. The receive antenna can be attached at the required 5 cm distance to the back of the **AN-MLO-30100KTX** Transmit Loop antenna for calibration at 1KHz.

The antenna consists of 51 turns of 30 AWG Enamel Insulated copper 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.

Specifications*

Model	AN-MLO-30100KRX
Frequency Range	30Hz – 100KHz
Loop Diameter	4 cm
# Turns	51
Wire Type	30 AWG Enamel Insulated copper
Shielding	Electrostatic
Termination	BNC
Resistance	Minimum 4 Ohms
Inductance	Minimum 180 micro H
Weight	0.6 Kg
Environmental	-20°C to +40°C
Mounting	¼" x 20 threads
Applications	RS 101 / Mil Std 461 ISO 11452-8

* 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.

Accessories

MAS_FG_03 telescopic non reflective fibre glass mast

AN-MLO-30100KTX Transmit Loop

