

## Features

- *Passive Loop Antenna for SE Testing*
- *Frequency Range : 30Hz – 100 KHz*
- *Diameter 12 cm*
- *Rugged construction*



## Description

The AN-MLO-30100KTXP is a 12 cm diameter magnetic loop antenna used as a transmit 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 Transmit antenna can be calibrated by attaching it to a **AN-MLO-30100KRXR Receive Loop** at the required 5 cm distance for calibration at 1KHz.

The antenna consists of 20 turns of 12 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	<b>AN-MLO-30100KTXP</b>
Frequency Range	<b>30Hz – 100KHz</b>
Loop Diameter	<b>12 cm</b>
# Turns	<b>20</b>
Wire Type	<b>12 AWG Enamel Insulated copper</b>
Shielding	<b>Electrostatic</b>
Termination	<b>BNC</b>
Resistance	<b>40 milli Ohm</b>
Inductance	<b>60 micro H</b>
Weight	<b>0.6 Kg</b>
Environmental	<b>-20°C to +40°C</b>
Mounting	<b>¼" x 20 threads</b>
Applications	<b>RS 101 / Mil Std 461</b>

\* 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-30100KRXR Receive Loop