

#### Features

- Passive Loop Antenna for Emissions and SE Testing
- Frequency Range : 9 KHz 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-9303P is an 0.3m diameter electrostatically shielded magnetic loop antenna used for shielding effectiveness measurements, emission measurements and other general purpose magnetic field measurements in the (9 KHz – 30 MHz) band.

The antenna consists of a single turn of 14 AWG PVC coated wire. The antenna output port is a high quality female BNC connection for the measuring instrument. N Type termination is available as an option.

The antenna base has a drilled / tapped hole for mounting on tripods with  $\frac{1}{4}$ " 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	AN-MLO-9303P
Frequency Range	9 KHz – 30 MHz
Loop Diameter	0.3m
# Turns	1
Wire Type	14 AWG PVC Coated.
Shielding	Electrostatic
Termination	BNC-F 50Ω
	N-F (optional)
Size	300 x 328 mm
Weight	0.6 Kg
Environmental	-20°C to +40°C
Mounting	¼" x 20 threads with L
_	adaptor for H pol.
Applications	SE Testing(IEEE 299)
	Emissions measurement
* Manipulation and in the standard method	

\* 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.

### **Related Products**

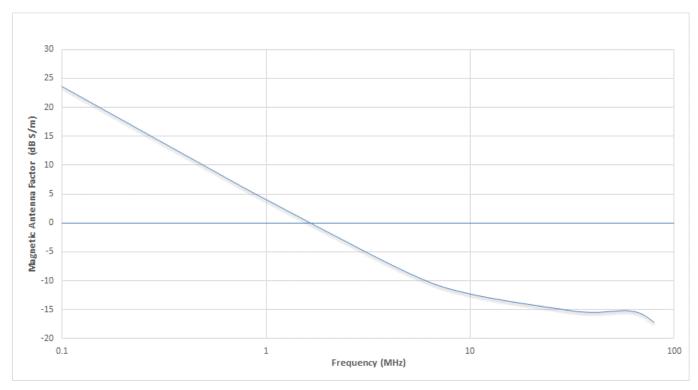
MAS\_FG\_03

Modular telescopic non reflective fibre glass mast

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# Typical Conversion Factors of AN-MLO-9303P Loop Antenna