

LP-0930P Passive Loop Antenna

Product Overview

The TDK LP-0930P is an electrostatically shielded passive loop antenna used to measure magnetic fields over the frequency range of 9 kHz to 30 MHz.

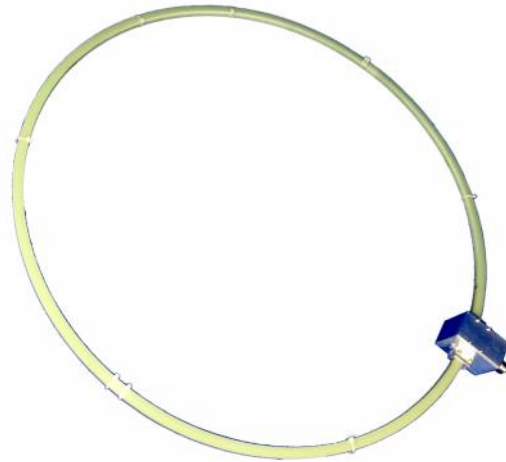
The LP-0930P design takes into consideration the CISPR 16-1-4 loop antenna requirements, making it a great choice for magnetic field testing for SAE J551-5, CISPR 11, and CISPR 22. Additionally, the LP-0930P can be used for magnetic testing such as MIL-STD-461 tests.

Unique Design The LP-0930P's unique balun and feed design enhances electric field rejection compared to conventional 60cm loops on the market.

High Performance The LP-0930P obtains more accurate magnetic field readings than conventional 60cm loops.

Options

- ISO 17025 calibration
- **Antenna Tripod TRI-150R:** The TDK TRI-150R antenna tripod is a manually adjusted tripod (100 cm to 150 cm) designed for quick and easy mounting in EMC test environments.
- **PA-01-0930:** Pre-amplifier specifically designed for operation loop antennas.
- **AM-2CA-LP:** Antenna mast/tripod adapter.



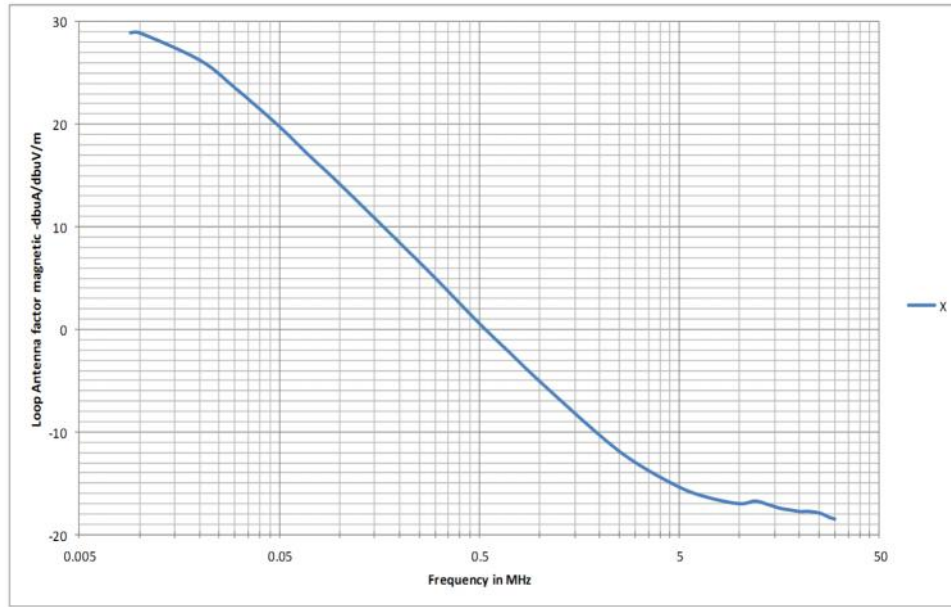
Features

- Operating frequency of 9 kHz to 30 MHz
- 60cm loop
- CISPR 16-1-4 construction
- Enhanced electric field rejection— more accurate magnetic emission reading
- Robust mechanical design

Applications

- SAE J551-5
- CISPR 11,
- MIL STD 461

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Mechanical Specifications

Loop Diameter:	60 cm (23.625 in)
Overall width:	67 cm (26.375 in)
Depth:	4.5cm (1.75 in)
Weight:	0.68 kg (1.5lbs)
Construction:	Aluminum with goldchrome finish for the balun Fiberglass for the loop
RF Connector:	Type SMA female

Electrical Characteristics

Frequency Range:	9 kHz to 30 MHz
VSWR:	<1.5:1 average
Polarization:	Linear
Impedance:	50 ohms (nominal)

Ordering Information

Product	Passive Loop Antenna
Model Number	LP-0930P
Warranty	1 year limited

To place an order or to learn more about the TDK products that best meet your needs, contact your TDK sales representative:

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