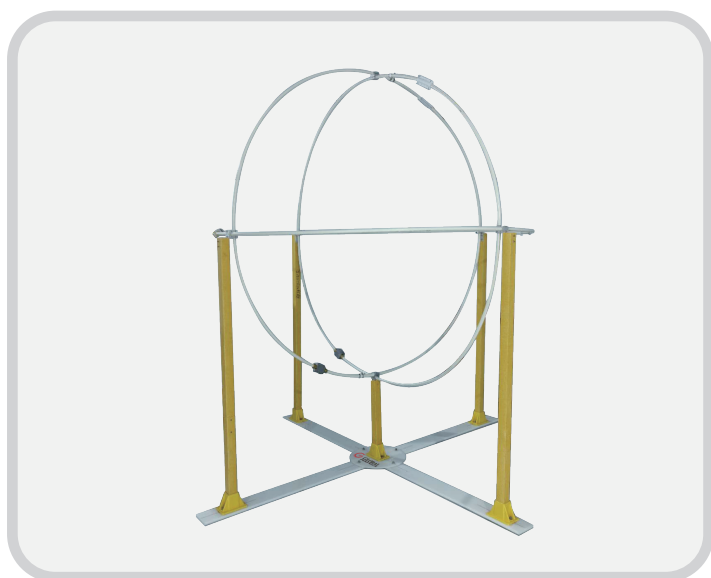


Triple Loop Antenna 1313-S3-2M



Features

- > Frequency Range: 9 kHz to 30 MHz
- > 2-Meter Loop Antenna System (LAS) for
CISPR 15 (EN 55015) Radiated Disturbance
Measurements
- > Compliant with CISPR 16-1-4
- > Three-Year Warranty

Description

The 1313-S3-2M Triple Loop Antenna is designed based on the Loop Antenna System (LAS) described in CISPR 16-1-4 Appendix C. The antenna consists of three mutually perpendicular large loop antennas with a diameter of 2 meters.

The loops consist of a high-quality RG 223/U coaxial cable located inside a flexible 20mm PVC tube. Three loops connect three current-to-voltage probes whose outputs are respectively connected to three inputs on the coaxial BNC connector.

According to CISPR 15(EN 55015), the main application of the antenna is the measurement of radiated magnetic fields (or radiated electromagnetic interference) generated by various types of electrical lighting and similar equipment, and the measurement of the magnetic field (or radiated electromagnetic interference), these devices are located in the approximate center of the Triple Loop Antenna structure.

Triple Loop Antenna 1313-S3-2M

Specifications

All specifications are subject to change without notice.
All values are typical, unless specified.

Frequency Range	9 KHz to 30 MHz
Standard (s)	CISPR 16-1-4, CISPR 15
Loop Dimensions	Loop Diameter: 2 Meters
Loop Construction	RG-223/U Coaxial Cable in 20mm PVC Pipe
Input / Output Impedance	50 Ohms
Input / Output Connector	Coaxial BNC (Female)
Mounting Structure Construction	Fiber Glass / Plastic
Weight	30kg
Overall Dimensions (H)x(W)x(D)	2.6 x 2.1 x 2.1 Meters
Operating Temperature	0° to 40° C

Typical Validation Factor

