

# LISN-C01 Unbalanced Very High Frequency Line Impedance Stabilization Network

(20A, 30-300MHz, unbalanced 2/3 wire VHF LISN)



## 1. Description

The model LISN-C01, Very High Frequency Impedance Stabilization Network (VHF LISN) is a two-stage low pass filter network designed to isolate the Equipment Under Test from an external power source in radiated EMI measurements standardized in CISPR16/CISPR 35. It is designed to have a defined CM/DM terminated impedance.

## 2. Features

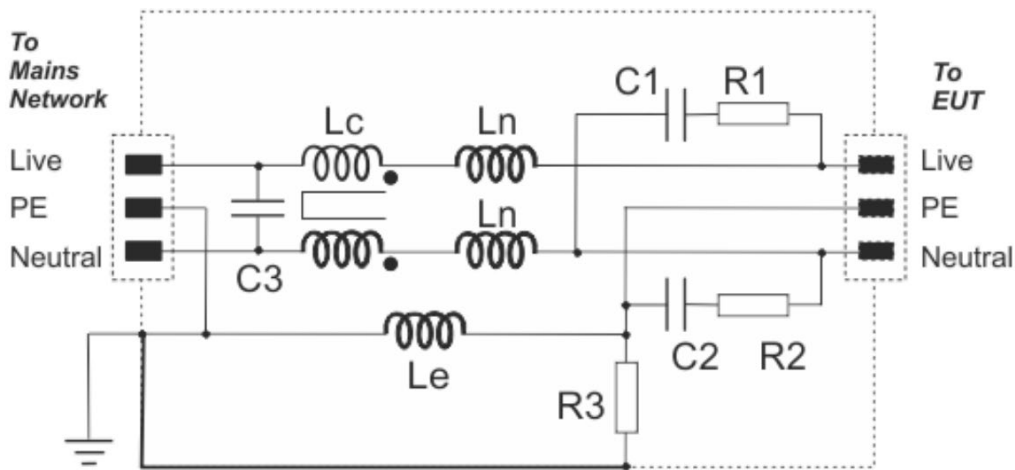
- Designed for both 2 wire or 3 wire setups
- Ultra-Compact Design System for 20A, 30-300 MHz
- Provides a defined CM and DM impedance to improve test result repeatability
- Provides a specific degree of conversion from DM to CM
- Customization of enclosure is available
- Customization of Inlet/Outlet is available
- In accordance with CISPR/I/541/CD

### 3. Applications

- General radiated emission measurement (EMC/EMI)
- Preventing high-frequency noise of the power source from coupling into a system

### 4. Specifications

Unbalanced 2/3 wire UHF LISN	
Frequency Range	30 – 300 MHz
Network Impedance	2 or 3 wire defined standard
Power Line Frequency	DC to 400 Hz
Maximum Current	20 A RMS
Maximum AC Voltage	250 VAC, 50/60 Hz
Input Connector	US T-SLOT RECEPTACLES
Output Connector	IEC Inlet
Isolation	Better than 50 dB
Dimension	130 × 80 × 60 mm
Weight	1 kg
Installation Method	On or under floor
Temperature	0 °C to 105 °C (32 °F to 220 °F)



OP Example schematic Unbalanced LISN

Safety measures not shown !

**5. Drawing:**

