

Line Impedance Stabilization Network

LISN AR 50

Datasheet



In Compliance with

> RTCA / DO 160 section 20 & 22

Introduction

The LISN AR 50 is designed as per section 20 and 22 in RTCA / DO 160 and used to standardize the impedance of the power source that provides input power for the EUT(s).

The product is easy to use, what you only do is to connect input port with power supply and output port with EUT(s). The 50 Ω OUTPUT (coaxial output) port is standard type BNC interface.

Features

- > Stable performance;
- > Easy to use;

Application Areas

- > Military

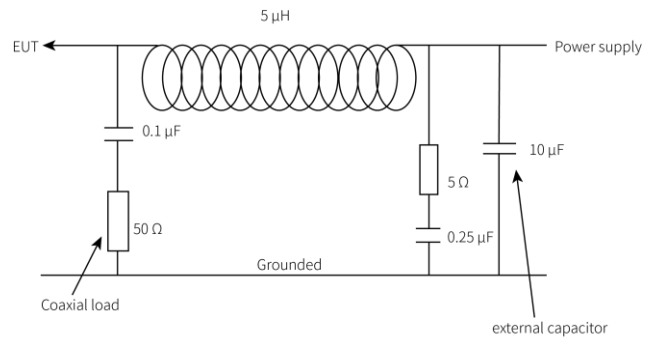
| Technical Parameters | |
|---------------------------|-------------------------------------|
| Test Voltage (Vmax) | 600 VDC, 530 V 400 Hz, 270 V 890 Hz |
| Test Current (Imax) | 50 A |
| Transient Max. Current | 100 A |
| Coaxial Terminal | BNC type |
| Inductance | 5 μ H |
| Coupling Capacitor | 0.1 μ F |
| Impedance Frequency Scope | 0.01 MHz ~ 400 MHz |

| General Parameters | |
|---------------------------|--------------------------------------|
| Dimension | 220 mm (L) x 220 mm (W) x 257 mm (H) |
| Weight | Approx. 5 kg |
| Ambient Temperature | 15 °C - 35 °C |
| Relative Humidity | 45% - 75% |
| Atmosphere Pressure Range | 86 kPa – 106 kPa |

| Standard Accessories |
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| User Manual, LISN AR 50 coupling calibration capacitor |

| Option |
|--------------------------------------|
| LISN AR 50 impedance calibration jig |

Product schematic diagram:





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