

Line Impedance Stabilization Network **LISN AR 50**



■ RTCA/DO 160G

— Features

- > Max. load current 50 A
- > Test voltage DC 800 V, AC 530 V 400Hz, AC 270 V 890 Hz
- > Frequency range 10 kHz ~ 400 MHz
- > Standard BNC interface for EMI terminal

— Introduction

The LISN AR 50 Line Impedance Stabilization Network is designed in accordance with RTCA/DO-160 Section 20 and Section 22. It provides a defined power impedance for the EUT power input to ensure test result consistency.

During testing, the output port of the LISN AR 50 is connected to the EUT, while the input port is connected to the power supply. The 50 Ω coaxial output port is equipped with a BNC connector.

— Application Areas



Aerospace

Military

**Technical
Parameters**

Impedance Frequency Range	10 kHz ~ 400 MHz
Test Voltage	800 V DC 530 V, 400 Hz; 270 V, 890 Hz
Test Current	Max. 50 A cont.
Inductor	5 μ H
Coupling Capacitor	0.1 μ F
Measurement Terminal	Type BNC

**General
Parameters**

Dimension	220 (W)*220 (H)*257 (D) mm
Weight	Approx. 5 kg
Atmospheric Pressure	86 kPa ~ 106 kPa
Ambient Temperature	15°C ~ 35°C
Relative Humidity	45% ~ 75%, RH (no condensation)

Standard Accessories

User Manual

Optional Accessories

Impedance Calibration Fixture	Model: LISN AR 50-Fixture Auxiliary tool for impedance calibration
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