

Artificial Main Network

LISN AR 100



■ RTCA/DO 160G

— Features

- > Max. load current 100 A
- > Test voltage DC 600 V; 500 V, 400Hz, 270 V, 890 Hz
- > Frequency range 10 kHz ~ 400 MHz
- > Standard BNC interface for EMI terminal
- > Stable performance and easy connection

— Introduction

The LISN AR 100 Artificial Main Network is designed in accordance with RTCA/DO-160 Section 20 and Section 22. It provides a defined power impedance at the EUT power input to ensure consistent and repeatable test results.

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

— Application Areas



**Technical
Parameters**

Impedance Frequency Range	10 kHz ~ 400 MHz
Max. Test Voltage	600 V DC 530 V, 400 Hz; 270 V, 890 Hz
Max. Test Current	100 A
Max Instantaneous Current	200 A
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. 8 kg
Atmospheric Pressure	86 kPa ~ 106 kPa
Ambient Temperature	15°C ~ 35°C
Relative Humidity	45% ~ 75%

Standard Accessories

Calibration Capacitor LISN AR 100-10 μ F, User Manual

Optional Accessories

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

SUZHOU 3CTEST ELECTRONIC CO., LTD.

Address: No. 99 E'meishan Road, SND, Suzhou, Jiangsu Province, China

E-mail: globalsales@3ctest.cn

Service: service@3ctest.cn

Tel: +86 - 512 - 68077192

Web: www.3ctest.com



3CTEST is always striving for product innovation and quality improvement. Product appearance and technical specifications are subject to change without further notice.