



# Artificial Main Network

## LISN AR 100

■ RTCA/DO 160G S20 & S22

### Features

- > Stable performance and simple wiring;
- > The test current can reach 100 A;
- > The EMI port adopts a standard BNC-type interface.

### Introduction

The LISN AR 100 artificial power network meets the requirements of RTCA/DO 160 Part 20 and Part 22 for artificial power networks (LISN), and is used to provide input power impedance to EUT to ensure consistency of test results.

When in use, simply connect the device under test (EUT) to the OUTPUT output and the power supply to the INPUT input. The 50 Ω OUTPUT port adopts a standard BNC interface.

### Application Areas



## Technical Parameters

Compliant With Standards	RTCA/DO 160G S20 & S22
Test Voltage Vmax	DC 600 V, AC 530 V 400 Hz, 270 V 890Hz
Test Current Imax	100 A
Instantaneous Maximum Current	200 A
Test Terminal	BNC-type
Inductance	5 $\mu$ H
Coupling Capacitance	0.1 $\mu$ F
Impedance Frequency Range	10 kHz-400 MHz
Chassis Size	220 mm * 220 mm * 257 mm (length * width * depth)
Instrument Weight	About 8 kg
Ambient Temperature	15°C ~35°C
Relative Humidity	45% ~75%
Atmospheric Pressure	86 kPa ~ 106 kPa

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