

Line Impedance Stabilization Network **LISN ML 500HVS**



- GJB 151B
- GJB 151C
- MIL-STD-461

Features

- > Max. continuous current is 500 A
- > Test voltage 11,000V DC; 5,000 V, 50 Hz/60 Hz
- > Frequency range 9 kHz ~ 10 MHz
- > Standard N interface for EMI terminal

Introduction

The LISN ML 500HVS line impedance stabilization network is designed according to GJB 151B/C and MIL-STD-461E. Designed for conducted emission testing, it isolates supply interference and provides specified line impedance to EUT.

The Max. voltage of EUT port is 11,000 V DC and 5,000 V AC at 50/60 Hz, and the Max. continuous current is 500 A. Standard N-type connectors are fitted for all EMI measurement ports.

Application Areas



Technical Parameters

Impedance Frequency Range	9 kHz ~ 10 MHz
Max. Voltage	DC 11,000 V AC 5,000 V 50 Hz/60 Hz
Max. Current	500 A cont.
Inductance Characteristic	50 μ H+5 Ω //50 Ω
Coupling Capacitor	0.25 μ F
Measurement Terminal	Type N

General Parameters

Working Power	AC 220 V($\pm$ 10%), 50 Hz / 60Hz (internal fan supply voltage)
Power Input Terminal	40*6、2* Φ 12 (copper busbar terminals)
Power Output Terminal	40*6、2* Φ 12 (copper busbar terminals)
Dimension	800 (W)*900 (H)*1,660 (D) mm
Weight	Approx. 215 kg
Atmospheric Pressure	86 kPa ~ 106 kPa
Ambient Temperature	15°C ~ 35°C
Relative Humidity	45% ~ 75%, RH (no condensation)

Standard Accessories

Power Cord, Fuse, Grounding Bar, User Manual

Optional Accessories

1	Impedance Calibration Fixture	Model: LISN ML 500HVS-Fixture (DC 11,000V)	
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