

Line Impedance Stabilization Network **LISN ML 3000HVS**



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

Features

- > Max. continuous current is 3,150 A
- > Test voltage DC 10.5 kV, L-L voltage 10.5 kV 50 Hz
- > Frequency range 9 kHz ~ 10 MHz
- > Standard N interface for EMI port

Introduction

The LISN ML 3000HVS line impedance stabilization network is designed according to MIL-STD-461 and GJB 151. Designed for electromagnetic emission and susceptibility measurements of military equipment and subsystems, it provides the specified power impedance to EUT.

The Max. voltage of EUT port is DC 10.5 kV, L-L voltage 10.5 kV 50Hz, and the maximum current is 3,150 A. In test, the OUTPUT port is connected to EUT and INPUT port connected to power supply. The EMI port is type N.

Application Areas



Technical Parameters

Max. Test Voltage	L-L voltage 10.5 kV, 50 Hz DC 10.5 kV
Max. Test Current	3,150 A
Test Terminal	Type N
Impedance	50 μ H+5 Ω 50 Ω
Coupling Capacitor	0.25 μ F
Impedance Frequency Range	9 kHz ~ 10 MHz

General Parameters

Working Power	AC 110 V/220 V ($\pm 10\%$), 50 Hz /60 Hz ($\pm 5\%$)
Dimension	1,010 (W)*1,300 (H)*2,170 (D) mm
Weight	Approx. 576 kg
Atmospheric Pressure	86 kPa ~ 106 kPa
Ambient Temperature	15°C ~ 35°C
Relative Humidity	45% ~ 75%

Standard Accessories

Power Cable, Shorting Terminal, Grounding Wire, Knob, User Manual

Optional Accessories

1	Attenuator	Model: DTS 2000-30dB-1G-D	
2	Attenuator	Model: TS5G-20 dB-4N/N, TS5G-10 dB -4N/N	
3	RF Switch	Model: LISN ML 3000HVS-SW	
4	Impedance Calibration Fixture	Model: LISN ML 3000HVS-Fixture	
5	Pulse Limiter	Model: KH43101	
*The N-type port may break down during attenuator power-on without permanent damage. Please pay attention to power protection.			

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