

EM-7823 | Line Impedance Stabilization Network (LISN)



Description

The EM-7823 Line Impedance Stabilization Network (sometimes referred to as a “V Network”) is a two line low pass filter network designed to isolate an electrically operated device from an external power source (usually the power mains). It provides a stable and consistent line impedance at the frequencies where radio interference measurements are made.

The 50 μ H / 250 μ H network implemented in this LISN may be used in making high frequency conducted measurements according to most commercial test specifications including ANSI and certain FCC, CISPR and VDE tests. It features a current carrying capacity of 15 Amperes.

Power input and output connections are made using standard power mains plugs and sockets. The user may choose from many available styles including European (Schuko), French, U.K., Australian, Japanese and U.S. (NEMA) style connections.

Specifications

Electrical

Frequency Range: 10 kHz - 30 MHz

Power Line Frequency: DC to 63 Hz

Current Rating: 15 A Continuous Current
2 Lines

Maximum AC Input:

Line-to-Line: 440 VAC

Line-to-Ground: 220 VAC

Impedance Characteristics: Follows VDE 0876
Specified Curve \pm 20%

Inductance Characteristics: 50 μ H/250 μ H

Connectors:

Monitor Port: Type BNC, female

Power Input: IEC320 C20, power cord
supplied with customer specified plug

Power Output: Customer Specified

Mechanical

Length: 29.46cm (11.6”)

Width: 20.96 cm (8.25”)

Height: 13.97 cm (5.5”)

Weight: 4.22 kg (9.3 lbs.)

Ref: 100901

Specifications subject to change without notice.
Unless otherwise specified, product is manufactured in
Johnstown, NY USA.

