

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 μH / 250 μH network implemented in this LISN may be used in making high frequency conducted measurements according to most commercial test specifications including ANSI C63.4 and certain FCC, CISPR and VDE tests. It features a current carrying capacity of 16 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.

For added convenience the EM-7823 includes an artificial hand network as specified in CISPR, IEC and VDE specifications.

EM-7823

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Specifications

Electrical

Test Frequency Range:	10 kHz - 30 MHz
Power Line Frequency:	DC to 63 Hz
Inductance:	50 μ H / 250 μ H
Impedance Characteristics:	Follows VDE 0876 Specified Curve \pm 20%
Maximum AC Input:	
Line-to-Line:	440 VAC
Line-to-Ground:	220 VAC
Current Rating:	15 A Continuous Current 2 Lines
Connectors:	
Monitor Port:	Type BNC, female
Power Input:	IEC320 C20, power cord supplied with customer specified plug
Power Output:	Customer Specified

Mechanical

Length:	29.46 cm (11.6")
Width:	20.96 cm (8.25")
Height:	13.97 cm (5.5")
Weight:	4.22 kg (9.3 lbs.)

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

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