



Balanced High Frequency Line Impedance Stabilization networks **VHF-LISN BM3-16**

- CISPR16-1-4
- CISPR16-2-3

Features

- > 4mm Banana plug input/output, safe and stable
- > Power adapter for quick conversion from 4 mm banana terminals to standard power plugs (EU, US, CN, etc.)

Introduction

The VHF-LISN BM3-16 is a balanced VHF-LISN designed in accordance with CISPR 16-1-4, which specifies the design and performance requirements for high-frequency line impedance stabilization networks.

It is suitable for single-phase 3-wire power lines with a maximum current of 16 A.

Application Areas



Technical Parameters

Frequency	30 MHz ~ 300 MHz
Max. AC Voltage (Line-to-ground)	250 V
Max. DC Voltage (Line-to-ground)	400 V
Max. Current	16 A
Type of EUT Port	4 mm Banana terminal (L/N/PE)
Type of AE Port	4 mm Banana terminal (L/N/PE)
Input Impedance (at EUT port, L-RG, N-RG)	$50\ \Omega \pm 20\%$ @30 MHz to 300 MHz
Phase (at EUT port, L-RG, N--RG)	$0 \pm 11.5^\circ$ @30 MHz to 108 MHz
	$0 \pm 25.0^\circ$ @108 MHz to 300 MHz
Phase (at EUT-RG)	$\leq 90^\circ$ @30 MHz to 300 MHz
Isolation (AE-EUT)	$>40\text{ dB}$ @30 MHz to 300 MHz

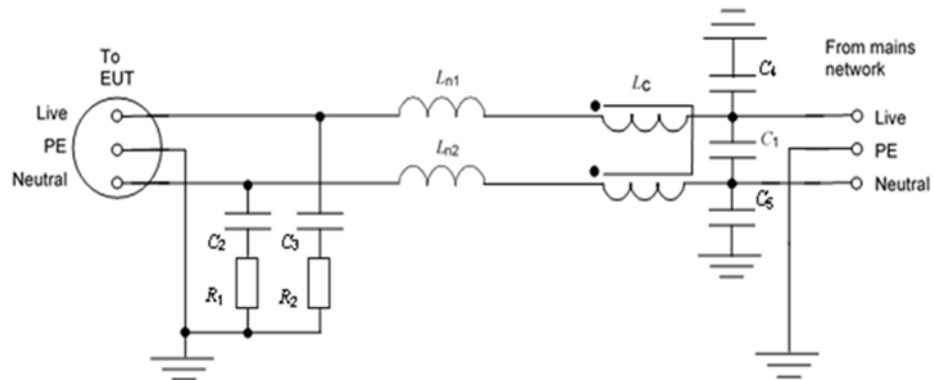
General Parameters

Enclosure Material	Aluminum material
Dimension	25 (L)*16 (W)*10 (H) mm
Weight	Approx. 4 kg
Ambient Temperature	5 °C ~ 40 °C
Relative Humidity	20% ~ 80%
Atmospheric Pressure	86 kPa ~ 106 kPa

Standard Accessories

Test Cable, Fuse, User Manual

Standard Schematic Diagram



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