

Unbalanced High Frequency Line Impedance Stabilization Networks

VHF-LISN NBM3-16

Datasheet



In Compliance with

> CISPR16-1-4 Ed.3.2

Introduction

CISPR16-1-4 Ed.3.2 defines clearly to the design and performance of high frequency line impedance stabilization networks.

VHF-LISN NBM3-16 networks are unbalanced and apply to single-phase (3 lines) mains line with its maximum current 16 A.

Features

- > 4mm Banana plug input/output, safe and stable
- > Power supply interface transducer is used to transduce 4 mm banana plug into standard mains plug compliance with different standards, such as Chinese standard, European standard and American standard etc.

Application Areas

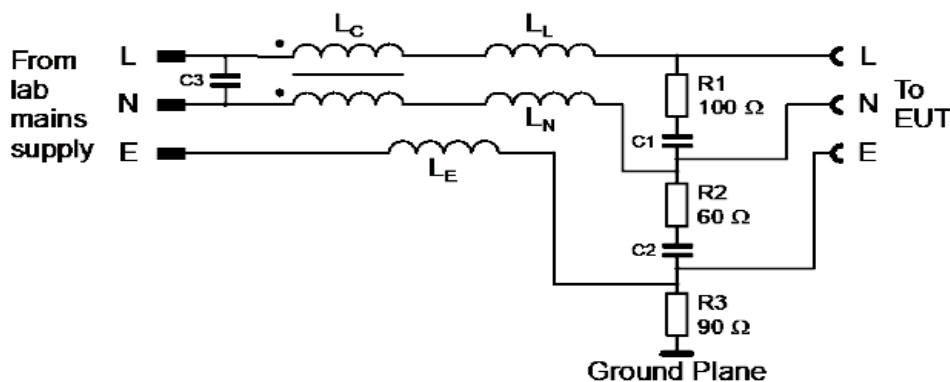
- > Communication
- > Low voltage electrical
- > Medical
- > Broadcast
- > New energy electric power
- > Components
- > Military
- > Avionic
- > Railway

Technical Parameters	
Item	VHF-LISN NBM3-16
Standard	CISPR16-1-4 Ed.3.2
Frequency Range	30 MHz-300 MHz
Max. AC Voltage (L-PE)	250 V
Max. DC Voltage (L-PE)	400 V
Max. Current	16 A
EUT Port Type	4 mm Banana(L/N/PE)
AE Port Type	4 mm Banana(L/N/PE)
Input Impedance (EUT End)	
L line 30 MHz to 300 MHz	250 Ω \pm 20 %
N line 30 MHz to 300 MHz	150 Ω \pm 20 %
PE line 30 MHz to 300 MHz	90 Ω \pm 20 %
Phase (EUT End, L line, N line)	
30 MHz to 108 MHz	0 \pm 11.5°
108 MHz to 300 MHz	0 \pm 25.0°
Isolation (AE-EUT)	
30 MHz to 300 MHz	> 40 dB

General Parameters	
Dimension	250 mm (L) x16 mm (W) x10 mm (H)
Weight	4.0 kg
Ambient Temperature	15 °C – 35 °C
Relative Humidity	45%–75%
Atmosphere Pressure Range	86 kPa–106 kPa

Accessories Supplied with Product
Operating Manual, Factory Test Report, Testing Cables, Fuse

Standard Schematic Diagram:





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