Line Impedance stabilization networks LN2-16

Datasheet

Introduction

LISN is line impedance stabilization networks and also referred to as artificial mains networks, which is connected in series to the entrance side of EUT during test. In given frequency range, LISN can offer 50 Ω loads impedance specified by standard for measurement of voltage disturbances and separates EUT from mains. LN2-16 conforms totally to the standard CISPR16 – 16A and has the exclusive mode of test and analysis, which can be used with spectrum analyzer and receiver to analyze common-mode and differential-mode noise.

Technical Parameters

Frequency range：9 kHz – 30 MHz

Transient protection：Yes

Artificial Hand：Yes

Power Supply Lines：2

Network Inductance Coefficient：50 Ω / 50 μH + 5 Ω + 250 μH

Max. Current：16 A

Max. Voltage： 250 V

Power supply frequency ：DC-60 Hz

Output Mode：Test, analyze

RF output：BNC 50 Ω

Dimension（W x H x D）：355 x 145 x 325

Phase/Line：1/2

Characteristics

· Extract the conductive noise produced by power supply lines to spectrum analyzer and/or EMI receiver.

· Supply pure mains for EUT.

· Standard impedance isolated with power supply impedance.

· Totally meet the requirement of CISPR16 – 16 A.

· Test & analyze mode for output connection, easy to measure and no need to change BNC cables.

· Test mode can be used with both spectrum analyzer and receiver and can analyze conductive noise in the form of differential mode and common mode.

· Transient limiter is installed to protect measurement device from the surge damage.