

Features

Frequency Range: 9 kHz - 30 MHz

For conducted emissions testing with LISN

Protects spectrum analyzer input

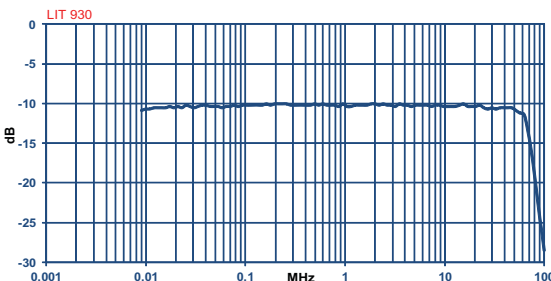
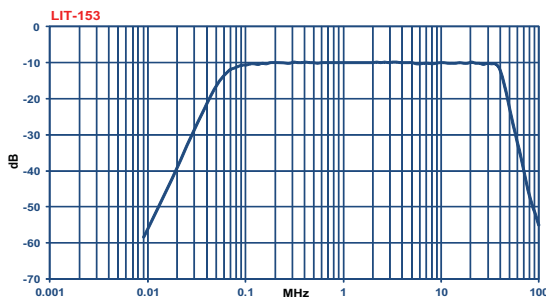


Description

Transient limiter LIT-153 and LIT-930 protects a spectrum analyzer input from high-level transients from the line impedance stabilization networks during EMC conducted emissions testing.

It has a combined frequency range of 9 kHz -30 MHz. The built in high pass filter helps reduce 50/60 Hz line feed through.

Typical Attenuation:



Specifications

LIT-153

Frequency range: 150 kHz - 30 MHz

Insertion loss: 10 dB +1.5 / -0.5 dB*

Max. Input level: 2 Watts CW (+33 dBm average)**

DC-voltage +/- 50 V DC

VSWR: 1.5:1 better

Connectors: N type (input and output)

Dimensions: L 3.0" (75 mm)

W 1.25" (32 mm)

H 1.25" (32 mm)

LIT-930

Frequency range: 9 kHz - 30 MHz

Insertion loss: 10 dB +1.5 / -0.5 dB*

Max. Input level:

4 Watts CW (+36 dBm Average)**

DC-voltage +/- 50 V DC

VSWR: 1.5:1 better

Connectors: N type (input and output)

Dimensions: L 4.3" (100 mm)

W 2.0" (50 mm)

H 1.5" (35 mm)

Note:

* This is inband attenuation level with maximum 120 dBμV input.

** This is the maximum inband input level that will not damage the unit.