

## Features

Frequency Range: 9 kHz to 30 MHz

For conducted emissions testing with LISN

Protects spectrum analyzer input

10 dB In-band Attenuation

Excellent VSWR

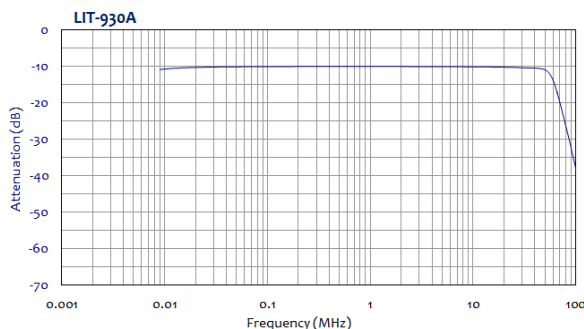
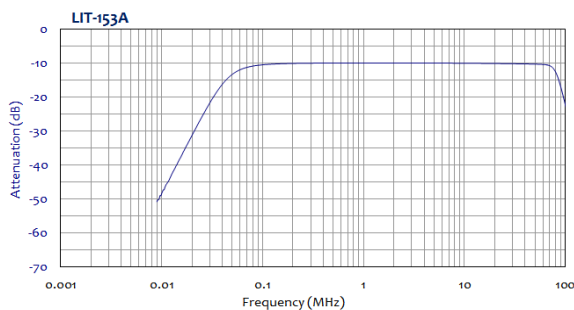


## Description

The Transient limiters LIT-153A and LIT-930A protect 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 band pass filter attenuates the out-band signals at more than 20 dB/decade.

### Typical Attenuation:



## Specifications

### LIT-153A

Frequency range: 150 kHz to 30 MHz

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

Max. Input level: 2 Watts CW (+33 dBm)\*\*  
+/- 10 Vdc

VSWR: < 1.1:1

Connectors: N type (input and output)

Dimensions: L 3.0" (75 mm)

W 1.25" (32 mm)

H 1.25" (32 mm)

### LIT-930A

Frequency range: 9 kHz - 30 MHz

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

Max. Input level: 4 Watts CW (+36 dBm)\*\*  
+/- 15 Vdc

VSWR: < 1.1:1

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 in-band attenuation level

\*\* This is the maximum in-band input level that will not damage the unit.