### 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.