

### Features

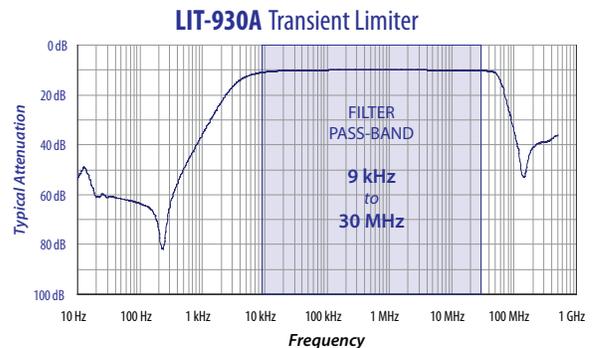
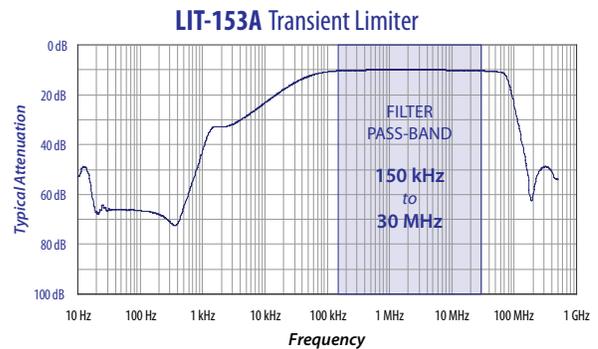
- Frequency Ranges:  
**LIT-153A** - 150 kHz to 30 MHz  
**LIT-930A** - 9 kHz to 30 MHz
- 10 dB Attenuation (in-band)
- Prevent Damage to Instrument Input from Transient Voltage Spikes
- Act as a Band-Pass Filter to Attenuate Out-of-band Signals
- Excellent Input/Output VSWR < 1:1.2
- Three-Year Warranty



### Description

Com-Power's **LIT-153A** and **LIT-930A** Transient Limiters perform several key functions as part of a conducted emissions measurement system:

- 1) Replace the 10 dB attenuation pad typically installed between the LISN output and the RF input of the measuring instrument for impedance matching purposes;
- 2) Significantly reduce the possibility of instrument overload by employing both low-pass and high-pass filters to attenuate out-of-band signals; and,
- 3) Protect the RF input of measuring instrument from potentially damaging transient voltage spikes, thereby avoiding costly repairs and equipment down time.



### Specifications

All values are typical, unless specified.  
 All specifications are subject to change without notice.

	LIT-153A	LIT-930A
Application	Conducted Emissions (Disturbance Voltage) Testing	
Frequency Range	150 kHz to 30 MHz	9 kHz to 30 MHz
Insertion Loss (in-band)	10 dB ±1 dB	
Maximum Input Level	2 Watts Continuous (+33 dBm) ±10 Volts DC (without damage)	4 Watts Continuous (+36 dBm) ±15 Volts DC (without damage)
VSWR	1:1.06 (average), 1:1.2 (max)	1:1.02 (average), 1:1.2 (max)
Input/Output Connectors	N-type (male) / N-type (female)	
Dimensions (L x W x H) (not including cable/connectors)	3.1" x 1.5" x 1.4" (79.5 mm x 38.2 mm x 35 mm)	4" x 2.2" x 1.5" (102.7 mm x 55.6 mm x 37.5 mm)