



## Product Specs

### EM-7600 | Transient Limiter



#### Description

The EM-7600 Transient Limiter is used to prevent damage to the sensitive RF input circuitry of spectrum analyzers from power line transients encountered when using a LISN for conducted EMI measurements. The EM-7600 has a constant 10 dB loss over the 9 kHz to 100 MHz frequency range and has a high pass filter to attenuate the power line frequency and its harmonics.

The EM-7600 can handle as much as 10 watts average power or up to 10 KW for 10 µsec transient surges.

#### Specifications

##### Electrical

**Frequency Range:** 9 kHz - 100 MHz

**Attenuation:** 10 dB ±.5 dB

**Impedance:** 50 Ohms, nominal

**VSWR:** 1.5:1 max

**Rejection:** 90 dB min @ 60 Hz  
80 dB min @ 120 Hz  
40 dB min typical @ 1 kHz

**Input Connector:** Type BNC, male

**Output Connector:** Type BNC, female

##### Mechanical

**Length (including connectors):**  
12.07 cm (4.75")

**Width (including connectors):**  
3.175 cm (1.25")

**Depth (including connectors):**  
3.81 cm (1.50")

**NOTE:**  
*Optional connectors available on request.*

Ref: 100405

Specifications subject to change without notice.  
Unless otherwise specified, product is manufactured in  
Johnstown, NY USA.



