

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 \pm 0.5 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.



