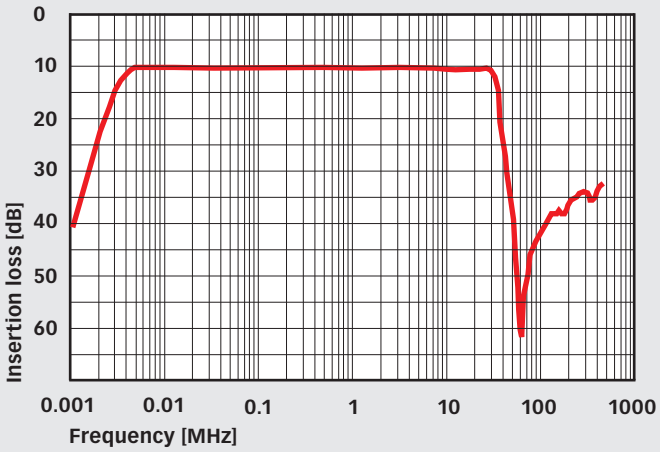
CFL 9206A
TRANSIENT LIMITER

- **Helps to protect spectrum and measuring receivers from damage**
- **Filters very low frequencies <9 kHz**
- **10 dB Attenuator**

The CFL has been designed to interface between a transducer (antenna, line network) and measuring equipment (receiver, spectrum analyzer). The CFL 9206A assists in preventing damage to input circuits of measuring equipment from high level transients often encountered during conducted emission testing. The CFL 9206A incorporates a band pass filter and 10 dB high power attenuator. The maximum input power ratings are for signals within the CFL 9206A passband.

Typical insertion loss



Technical specifications

Insertion loss:	10 dB ±0.5 dB
Frequency response:	9 kHz to 30 MHz
Maximum continuous input:	36 dBm at 25°C (for signal within the passband)
Input temperature de-rating linear:	30 dBm at 50°C
Maximum DC voltage on:	400 Volts
Input (1 second):	42 dBm
Peak power (non-repetitive <10 µs):	4 kW
Maximum output power (for +42 dBm input):	15 dBm
Maximum input level (no compression):	15 dBm
50 Hz rejection:	100 dB
System impedance:	50 Ω
Connectors:	BNC
Operating temperature:	0 to 50°C
Size (W x D x H):	140 mm x 70 mm x 25 mm
Weight:	approx. 185 g

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Advanced Test Solutions for EMC

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