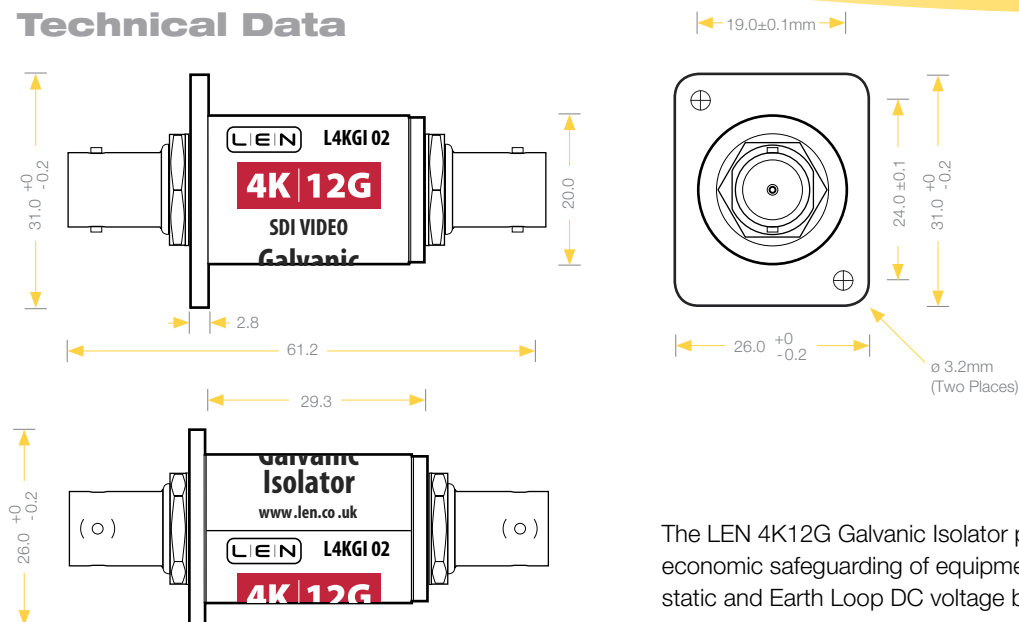


4K/12G SDI VIDEO Galvanic Isolator
L4KGI 02

Technical Data



The LEN 4K12G Galvanic Isolator permits easy and economic safeguarding of equipment from damage by static and Earth Loop DC voltage build up.

Key Features & Benefits

- Full DC galvanic isolation between equipment, both signal and ground path
- Protects equipment from damage by DC static and earth loop voltage build up
- No distortion of full 12G/4K UHD SDI broadcast quality signal
- Can be used with all lower SDI standards including 6G, 3G, HD and SD SDI
- Small and lightweight
- Rackframe is available, for mounting up to eight L4KGI02 Galvanic Isolators



L4KGI02 is a miniature in line Isolator providing full broadcast quality transmission of the 12G/4K UHD SDI video signal whilst blocking both the signal and ground DC paths.

It is for use with full 12G/4K UHD SDI video and all lower standards including 6G, 3G, HD and SD SDI. It is built in a cylindrical plastic (for isolation) enclosure, fitted with a BNC connector at each end. An industry-standard size mounting flange is fitted at one end.

Transparent to a broadcast-quality signal, they are useful in both permanent and temporary installations. They may be used freestanding or panel mounted, using the integrated mounting flange for mounting through panels. An accessory panel is also available to mount eight Isolators in 1U of rack space.

Impedance: 75 Ohms

Bandwidth: <0.5 MHz to >12 GHz

Insertion Loss: 0.25 dB

Amplitude roll-off: <0.25 dB to 12 GHz

Return Loss: >20 dB

DC Breakdown Voltage: >100 volts

Dimensions: > 30 x 20 (length x diameter) mm, mounting flange 31 x 26 mm

Weight: 37g

Connectors: BNC Female

designed & manufactured
in the UK by LEN 