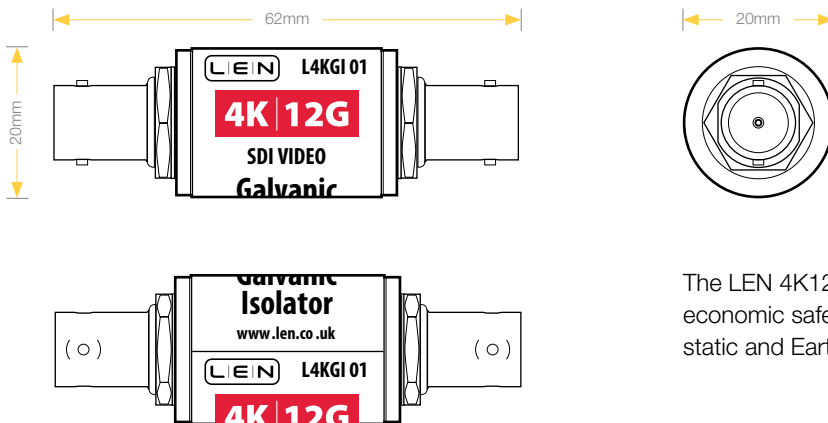


4K | 12G UHD Technology Range by

4K/12G SDI VIDEO Galvanic Isolator

L4KGI 01

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
- Panel mount version also available



L4KGI01 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.

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 fixing screws 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

Weight: 36g

Connectors: BNC Female

designed & manufactured
in the UK by 