

**4K | 12G** UHD Technology Range by 

## 4K/12G SDI SPLITTER L4KS01

### Product Description



The LEN 4K12G Splitter is a direct equivalent to the use of a Distribution Amplifier to create an additional SDI signal in any format from HD up to 12G, for most applications.

Featuring a miniature, lightweight design and being a passive design so requiring no power, LEN SDI splitters are particularly suitable for additional monitor feeds; remote camera locations and situations where size and weight are critical factors - such as racing cars, bikes and other sporting and research applications.

Offering a broadcast-quality signal, they are useful in both permanent and temporary installations. They may be used freestanding and also have fixing screws for mounting through panels. An accessory panel is also available to mount eight splitters in 1U of rack space.

**Note:** To achieve the specified performance the input must be fed with a source impedance of 75 ohms and both outputs must be terminated with 75 ohms. Therefore, if an output cable is not present, a 75 ohm termination rated to 4K12G should be fitted.



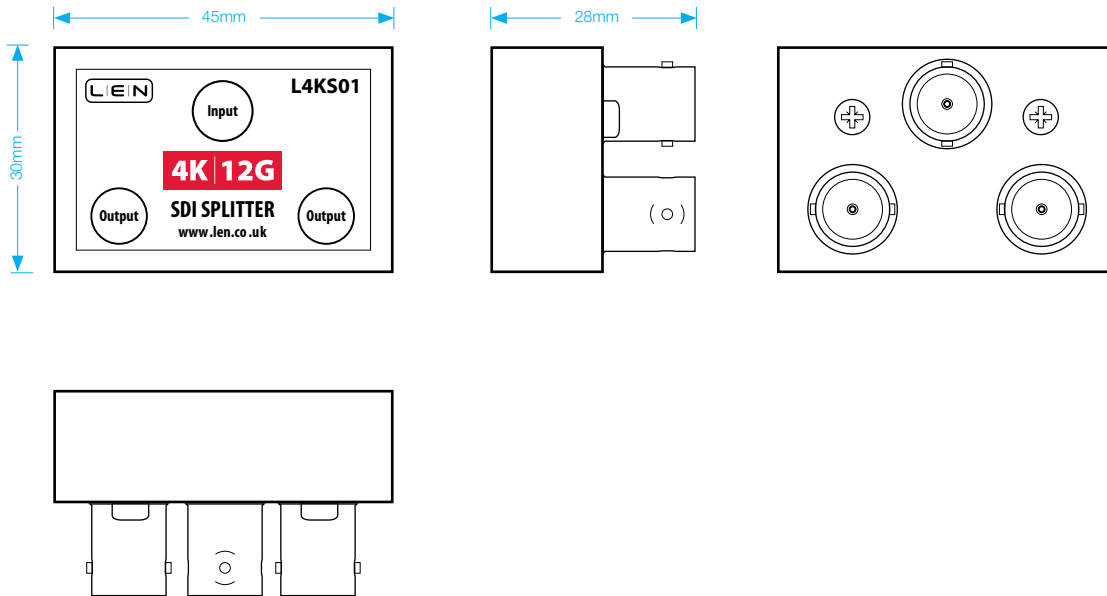
### Key features & benefits

- Miniature passive Splitter - no power required
- Full 12G/4K UHD SDI broadcast quality signal compliant
- Can be used with all lower SDI standards including 6G, 3G, HD and SD SDI
- Ideal for permanent and temporary installations
- 2 (or more) 4K12G Splitters can be used in series to provide up to 8 individual feeds over shorter distances. The actual distance depends on original signal strength and cable quality.
- Size 45 x 30 x 15mm – weight less than 30g
- Rackframe is available, for mounting up to eight L4KS01 Splitters

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**Technical Data**



- Impedance:** 75 Ohms
- Insertion Loss:** 3.4dB
- Amplitude roll-off:** < 0.5 dB to 1485 MHz  
 < 2.0 dB to 3000 MHz  
 < 4.0 dB to 12000 MHz
- Return Loss (input):** > 10dB 5 to 12000MHz  
 (with both outputs terminated)
- Drive Capability:** 80% of equivalent free cable length
- Enclosure:** ABS box, 45 x 30 x 15mm (excluding connectors)
- Weight:** 30g