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- By brand
- Index
- New products
- Special offers
- Clearance list
- Remainder list

Pr... Video interfacing, processing, monitori... Splitters, combine... LEN VIDEO SPLITTERS - SD, ... LEN L4KS01 VIDEO SPLITTER Passive, 1x2, 3x...

LEN L4KS01 VIDEO SPLITTER Passive, 1x2, 3x BNC, 4K/12G UHD SDI



[Datasheet Print/PDF](#) [Ask a question](#)

Stock code
90-6164

Brand
LEN

Model number
L4KS01



Resources

[Datasheet - LEN L4KS01](#)

LEN VIDEO SPLITTERS - SD, HD, 3G, 4K/12G SDI

Miniature, passive designs, requiring no power, LEN SDI splitters are a direct equivalent to the use of a Distribution Amplifier to create additional SDI signals, for most applications. LEN Splitters are also often used for such applications as additional monitor feeds say in remote camera locations, and in 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 have fixing screws for mounting through panels. An accessory panel is also available to mount eight splitters in 1U of rack space.

Three models are available: The **L4KS01** is for use with full 12G/4K UHD SDI video and all lower standards including 6G, 3G, HD and SD SDI. The **L3GS01** may be used with 3G, HD or SD SDI signals while the **LHDS01** may be used with HD or SD SDI. Each is built in an ABS enclosure fitted with three female BNC connectors. All LEN Video Splitters can also be used with the ASI format.

Two or more splitters can be used in series to provide up to eight individual feeds over shorter distances. Actual distance dependant on original signal strength and cable quality.

	LHDS01	L3GS01	L4KS01
Input and output impedance:	75 ohms	75 ohms	75 ohms
Return loss: (1)	15dB, 5 to 1485 MHz	15dB, 5 to 3000 MHz	10dB, 5 to 12000 MHz
Amplitude roll-off, 360 MHz (2):	-0.2dB	-0.2dB	-0.2dB
Amplitude roll off, 1485 MHz (2):	-0.5dB	-0.5dB	-0.5dB
Amplitude roll off, 3000 MHz (2):	N/A	-4.0dB	-2.0dB
Amplitude roll off, 12000 MHz (2):	N/A	N/A	-4.0dB
Insertion loss:	3.4dB	3.4dB	3.8dB
Isolation, 270 MHz, (3):	35dB	35dB	5dB
Isolation, 1485 MHz, (3):	16dB	16dB	10dB
Isolation, 3000 MHz, (3):	N/A	10dB	15dB
Isolation, 12000 MHz, (3):	N/A	N/A	20dB
Drive capability, typical (4):	90 metres	70 metres	65 metres

Note 1: Worst case, both outputs terminated. 2: Maximum attenuation. 3: Between output ports. 4: Depends on cable type; 20% reduction compared to a free cable run.
Dimensions: 45 x 30 x 15 (length x width x height) mm, excluding connectors. Weight: 30g.

Technical Note

To achieve the specified performance the input should 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 should be fitted. This should be specified to operate over the full SDI bandwidth in use.

Optional accessories: The **LMPS02** rack frame is a 1U 19-inch panel, finished in black, punched to take eight splitters mounted from the rear by means of the mounting screws, the BNC connectors facing out of the rack. If it is desired to have the connectors facing into the rack, the splitters may be reversed, revealing the splitter modules which will protrude 15mm from the surface of the panel.

Description	Price £ ex.VAT	Add to basket Delivery
<p>LEN LSDS01 VIDEO SPLITTER Passive, 1x2, 3x BNC, SD SDI Stock code: 90-6161 No longer manufactured. See the product page for suggested alternatives.</p>		
<p>LEN LHDS01 VIDEO SPLITTER Passive, 1x2, 3x BNC, HD SDI Stock code: 90-6162 Please login for stock availability and lead times.</p>	£89.60	1
<p>LEN L3GS01 VIDEO SPLITTER Passive, 1x2, 3x BNC, 3G SDI Stock code: 90-6163 Please login for stock availability and lead times.</p>	£107.50	1
<p>LEN L4KS01 VIDEO SPLITTER Passive, 1x2, 3x BNC, 4K/12G UHD SDI Stock code: 90-6164 Please login for stock availability and lead times.</p>	£336.00	1
<p>LEN LMPS02 RACK PANEL For 8x video splitters, 1U Stock code: 90-6202 Please login for stock availability and lead times.</p>	£54.11	1

Order VAT / Delivery

£336.00
each (ex. VAT)

1

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- NEUTRIK BST-BNC-9 BNC REAR TWIST...
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- CANFORD YEAR PLANNER - 2021
- LEN L3GS01 VIDEO SPLITTER...
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