

## 3G-SDI Splitter

Order Code: - **3GS01**

### Technical Data



- ▶ Miniature passive Splitter - no power required
- ▶ Broadcast quality signal up to 3 Ghz
- ▶ Size 45 x 30 x 15 mm - less than 30 gm
- ▶ Ideal for permanent and temporary installations
- ▶ 2 (or more) 3G Splitters can be used in series to provide up to 8 individual feeds over short distances. Actual distance dependant on original signal strength and cable quality.

The LEN 3G Splitter is 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.

**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 should be fitted. Please check that the 75 ohm termination used is specified to operate over the full HD-SDI bandwidth!

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<b>Impedance: -</b>	75 Ohms
<b>Insertion Loss: -</b>	3.4 dB
<b>Amplitude roll-off: -</b>	<0.2 dB to 360 MHz <1.0 dB to 1485 Mhz < dB to 3 GHz
<b>Return Loss (input): -</b>	>15 dB 0.1 to 1485 MHz (with both outputs terminated)
<b>Drive Capability: -</b>	> 70 metres (depends on cable quality)
<b>Isolation between Output Ports: -</b>	35 dB @ 360 MHz 16 dB @ 1485 Mhz @ 3 Ghz
<b>Enclosure: -</b>	ABS box, 45 x 30 x 15 mm (excluding connectors)
<b>Weight: -</b>	30 gm