

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!

Technical Data

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



FILTER AND NETWORK TECHNOLOGY

3G-SDI Splitter - Drawing

Part No LEN 3GS01

