

CS-12G-SDI-A

SDI Mini Converter Optical Fiber 12G

Description:

Mini Converter Optical Fiber 12G converts SDI to optical fiber and optical fiber to SDI in both directions at the same time, you can even have different video standards going in each direction.

The 12G-SDI connections are multi rate, which makes it compatible with all SD, HD and Ultra HD formats and equipment up to 2160p60, including Level A and B devices.

You can install any standard 6G or 12G-SDI SFP optical fiber module so you can send SDI using the same low cost optical fiber cables that are commonly used for computer networks.



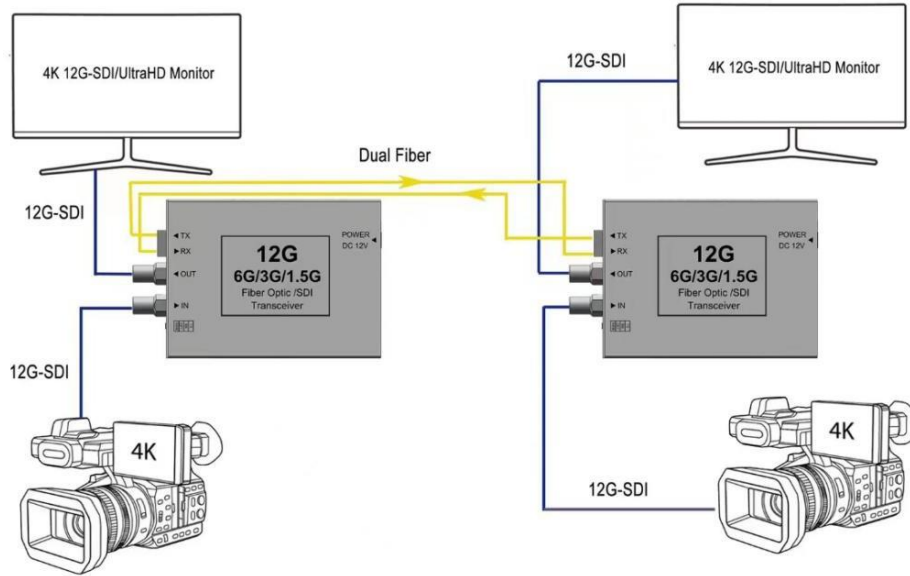
Features:

- Support 1 channel 12G-SDI to LC single mode optical fiber output, 1 channel LC optical fiber input converter to 12G-SDI
- Support 12G-SDI input and output, support 6G/3G/HD/SD-SDI bidirectional, 2-core fiber transmission
- SFP standard optical fiber connector, duplex connection (LC connector)
- LED indicating power and signal input
- Support standard 19-inch 3U subrack with 8 slots and 220V AC input power supply
- 12V DC external power adapter

Application:

TV industry high reliability, high performance serial digital optical transmission equipment, meeting DVB back transmission and production, on-site production, DVB-ASI transmission, news gathering, live broadcast signal transmission, remote studio, general digital video transmission business, telecom signal transmission and other business needs.

1-CH Bidirectional 12G-SDI Fiber Extender over Dual Core Duplex SFP Optical Module Transmission



Specifications:

Video Formats	270 Mbps - 12 Gbps				
Video Input Digital	1-Channel Independent 12G-SDI connector, SMPTE-259/292/424/2081/2082 1-Channel Independent Single mode LC fiber connector, SMPTE-297/259/292/424/2081/2082 Optical Power: -5 dBm (Min.), 0.5 dBm (Max.) Overload Power: -2 dBm (Min.) Extinction Ratio: 5.4 dB (Min.)				
Nominal Wavelength	Tx 1260 nm (Min.), 1310 nm (type), 1360 nm (Max)		Rx 1260 nm (Min), 1620 nm (Max.)		
Video output	1-Channel	independent	12G-SDI	BNC	connector

Digital	<p>SMPTE-259/292/424/2081/2082</p> <p>1-Channel independent single model LC fiber connector, SMPTE-297/259/292/424/2081/2082</p> <p>Nominal wavelength: Tx 1260 nm (Min.), 1310 nm (Type), 1360 nm (Max.)</p> <p>Rx 1260 nm (Min.), 1620 nm (Max.)</p> <p>Optical Sensitivity: -10 dBm (Min. 12Gbps), -14 dBm (Min. 3 Gbps)</p> <p>Optical Power: -5 dBm (Min), 0.5 dBm (Max.)</p> <p>Overload Power: -2 dBm (Min.)</p> <p>Extinction Ratio: 5.4dB (Min.)</p>
Reclocking	<p>270 Mbps, 1.483 Gbps, 1.485 Gbps, 2.970 Gbps, 5.934 Gbps, 5.940 Gbps,</p> <p>11.868 Gbps, 11.880 Gbps-Auto Select</p> <p>All other rates are passed through and not reclocked</p>
Size	120 x 88 x 27 mm (L-without connectors x W x H), 138 x 88 x 27 mm (L-with BNC connectors)
Weight	0.25 kg
Power Supply	6W Max. 12V DC
Environment	<p>Operating Temperature</p> <p>0°C to +40°C</p>
	<p>Operating humidity</p> <p>10% - 90%, non-condensing</p>
	<p>Storage temperature -40°C to +60°C</p>
	<p>Operating Altitude: <3000 meters</p>

Ordering information:

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Mini 12G-SDI to Fiber Converter, 1-ch Bidirectional

