

3G-SDI Fiber Optic Extender

Model No: FLS88G

Description

Beijing Fiber Linker Co., Ltd has been in video audio transmission system solution for almost 10 years. Our SDI fiber optic extender has been widely used in our domestic and overseas for broadcast TV transmission system. We could do SDI extender over fiber by CWDM, DWDM and TDM uncompressed solution with data, external audio Ethernet, tally and other functions. The fiber connectors could be ST, FC, SC, LC, SMPTE, LEMO type. We welcome any OEM request for SDI over fiber series.

Features

- 8-ch bidirectional 3G-SDI/ASI video with embedded audio
- 2. 6-ch unidirectional Genlock SYNC with loop
- 3. Compatible with HD-SDI, SD-SDI, DVB-ASI
- 4. Bandwidth range from 19.4Mb/s to 2.97Gb/s
- 5. SMPTE 424M (2.97Gb/s) clock recovery
- support all popular standards for digital video transport such as SMPTE 424M, SMPTE 292M, and SMPTE 259M, SMPTE 297M working at 3G-SDI, HD-SDI, SD-SDI, ASI respectively
- 7. Built-in CWDM system, SFP modules for each path
- Support automatic cable equalization based on the data rate detected
- 9. LED status indicators monitor the critical parameters
- 10. We could make it as your requested specifications



Order Info

Model Number	Specification						
FLS88G	unidire	bidirectional ectional SYNC(nount, 20KM				•	

Application

Remote OB Van/Truck Video Feeds, Broadcast Studio Camera Feeds, TV station/video conference, broadcast live transmission, Medical/Surgical Room Broadcast, Building to Building video conference, video wall controller, commend center.

Beijing Fiber Linker Co., Ltd

Website: www.fiberlinkav.com

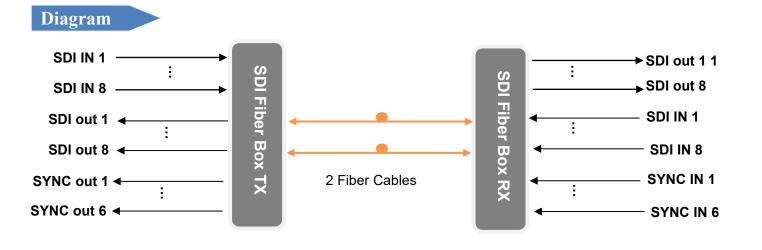
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Specification

	Number 8 input on TX and 8 input on RX					
SDI Input	TV signal standard	SMPTE 424M, 292M, 259M, 297M, 305M, 310M,				
		M2S, DVB-ASI, DVB-SSI and other				
		Telecom/Datacom rate (19.4Mb/s – 2.97Gb/s)				
	Reflection loss	>15DB				
	Equilibrium	0-100m @ 2.97Gb/s				
	Connector	75Ω BNC				
SDI Output	Number	8 output on TX and 8 output on RX				
	Signal level	800mV nominal				
	Rise/fall time	200Ps nominal				
	Overshoot	<10% amplitude				
	Reflection loss	> 15dB				
	Jitter	< 0.2UI				
	Connector	75Ω BNC				
SYNC	6-ch unidirectional BNC with loop, support tri-level and BB signal					
Fiber Optic	Channel	2				
	Type/Distance	Single-mode/20KM standard, optional max 80KM				
	Wavelength	CWDM 18 wavelength				
	Connector	LC/PC (ST/PC optional) or OEM SMPTE LEMO				
	Output Power	About +5dB to +8dB				
	Receiver sensitivity	-8dB for 20KM, optional max is -24dB				
Power and Environmental	Operating	-40°C~+45°C				
	temperature					
	Power Supply	90VAC to 245VAC				
	Power Consumption	12W				
	EMI/RFI	FCC Part 15 Class A, EU EMC standard				
	MTBF	>100000 hours				
Other	Rack mount	2U				
	Weight	8Kg (TX+RX)				



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