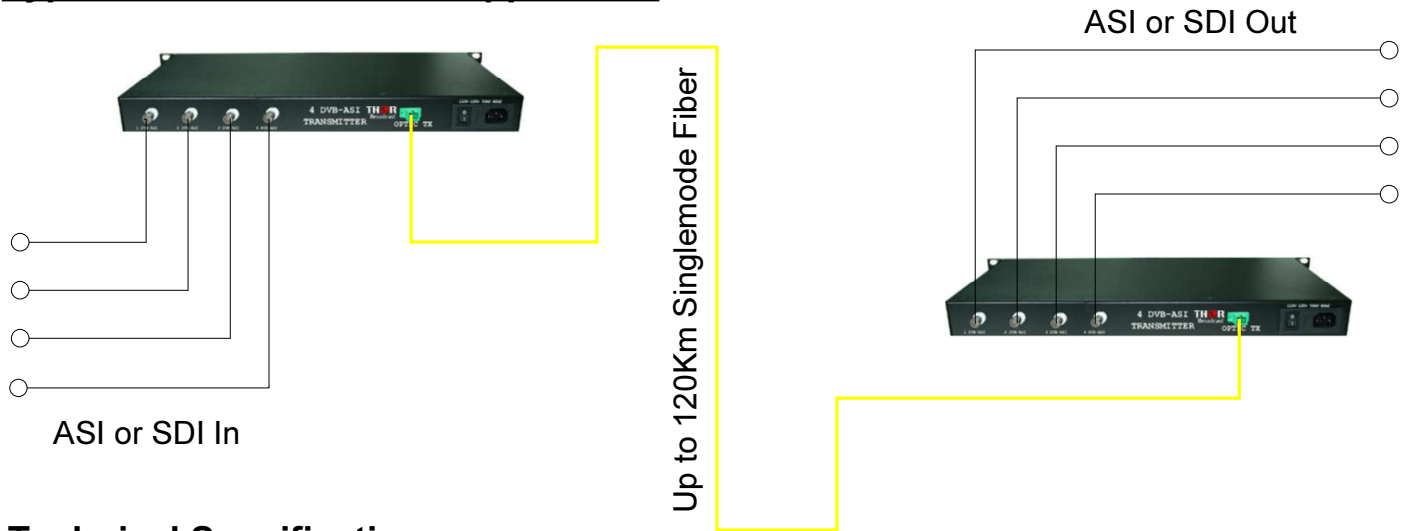


The F-xASI/SDI is a copper to fiber media adapter for either DVB-ASI or SD-SDI signals. The unit has up to eight channels that work independently of each other. Each channel can carry either a DVB-ASI signal or an SD-SDI signal. Up to eight channels are then multiplexed onto a single fiber for transport. Our units employ CWDM technology for optical multiplexing. Based on users needs a variety of wavelengths can be used for the transmitter optics. All transmission signals are multiplexed onto a single fiber for transport. The signals are then separated at the receiver. The F-xASI/SDI provides up to 8 independent DVB-ASI/SDI pipes. There are BNC connectors for the copper inputs and outputs. The optical connections can be configured for SC, SC(APC), ST, or FC connectors. The F-xASI/SDI features easy to read diagnostic LED's for system and link status.



Typical L-xASI/SDI-Rx/Tx Application



Technical Specifications

Applications:	SMPTE 259M, SDI or D1 SMPTE 31 OM, MPEG2 SMPTE 305 540 Mbps HDTV Video On Demand TS MPEG Encoder DVB-ASI ASI 0.5Mbps – 622Mbps	Power Consumption	8 W
Optical Wavelength	1310 – 1550 nm FP/DFB	Power Connection	110-240 V Auto Sense
Optical Output Power	6.0 dbm	Optical Connector	SC/APC or by request
Optical Budget loss	24 – 32 dB	Copper Connections	BNC, 75 ohm
Optical Return Loss	40 dB	Dimensions (H x W x D)	19in x 11.0in x 1.75in 480mmX225mmX44mm
		Weight	0.75 Kg
		Operating Temp. (°C)	0 to +50 (°C)
		Storage Temp. (°C)	-20 to +70 (°C)
		Operating Humidity (%)	0 to 90 %
		Storage Humidity (%)	0 to 90 %
		Regulatory Compliance	FCC Part 15 Class A CE, UL, CUL, TUV