



12G SDI Optical Fiber Extender



FTSM

FTSM transmits very high speed 12G-SDI signals over long distances through 1Ch optical fiber cable.(LC connector/single mode fiber). It can transmit a maximum 4K Ultra HD resolution(4K@60Hz) and up to 5Km .

Features

- 12G-SDI Ultra HD Video signal long distance optical extender
- Supports video pathological patterns for SD-SDI, HD-SDI, 3G-SDI, 6G-SDI and 12G SDI
- Highest video signal with very low Latency
- Standalone small Box type
- EMI & Safety : CE, FCC

Specification

		Transmitter	Receiver
Connector	Input	SDI (BNC)	Optical (LC)
	Output	Optical (LC)	SDI (BNC)
Video Bandwidth	270Mbps ~ 11.88Gbps		
Supporting Resolution & Distance	12G-SDI (3840x2160 60p) Max 5km		
Connector	DisplayPort 20 Pin (male)		
Power Consumption	1.5W(Typ)		
Dimension	59W x 27.3D x 27H (mm)		
Environment	Operating Temperature Range: 0°C~50°C Storage Temperature Range: -20°C~70°C		

Optical

- Optical Source: 1310nm VCSEL
- Using fiber : 1-Ch Optical single-mode fiber (LC connector type)



* Optical module (SFP)

Ordering Information

- FTSM
 - FTSM Transmitter and Receiver
 - Optical module (SFP) Transmitter and Receiver
 - power adapter 2ea
 - User's manual
- FTSM-C
 - FTSM Transmitter and Receiver
 - power adapter 2ea
 - User's manual
- FTSM-OTR
 - Optical module (SFP) Transmitter and Receiver
 - User's manual