

Overview

The 3G-SDI SM Fiber Extender Kit (500710) allows 3G-SDI to be transmitted up to 6.6mi (10km) via one singlemode fiber optic cable in a point-to-point configuration.

The 3G-SDI SM Fiber Extender Kit supports transmission of up to 2.97/3.0 Gbps uncompressed, un-encrypted digital video within television facilities and between professional video equipment.

Applications

Video production, broadcasting, camcorder, studio-to-studio, post-production, live events, medical imaging displays, mobile video, HD/SD routing, HD CCTV, medical imaging



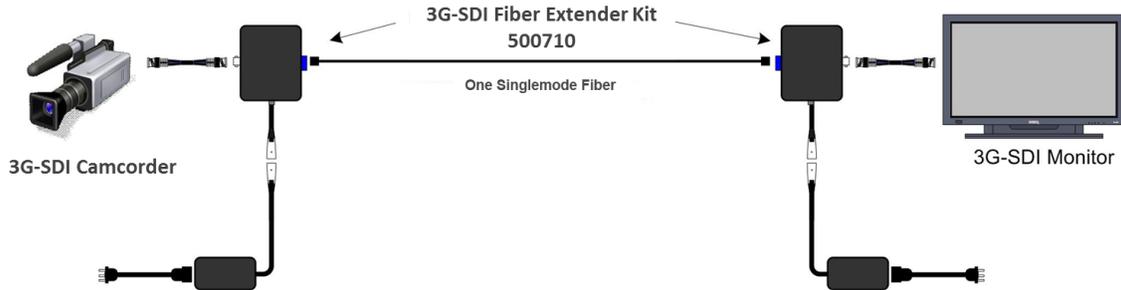
Key Features

- Up to 19mi (30km) via one singlemode fiber
- Supports up to 3G-SDI
- LED diagnostics: Power, SDI presence

Specifications	
Environment	SDI single link: SD, HD & 3G.
Devices	Monitors or any equipment supporting SDI single link.
Standard supported	SMPTE 259M (270Mb/s), SMPTE 292M & SMPTE 424M SMPTE 297-2006
Bit rates	270Mb/s, 1.485Gb/s & 2.97 Gb/s (automatic selection).
Indicators	Power & Signal present LED indicators
Connectors On each unit	One BNC 75 ohm female. One LC Optical fiber connector. One power connector, 2mm.
Maximum Distance	Coax: 330ft (100 m) on RG59 Singlemode fiber: 3G: 6.6 mi (10 km) HD: 13.2 mi (21 km) SD: 19 mi (30km)
Optic link (Not included)	One singlemode fiber with an LC connector. Class I laser
Power Supply (Included)	Two 100-240V/12VDC 6W power supplies with interchangeable blades for NA, Europe and UK.
Power Consumption	Transmitter: 1.25 Watts Receiver: 1.25 Watts
Temperature	Operating: 0° to 50°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing
Module Enclosure	Black, metal Size: 3" x 3" x 1" (7.6 x 7.6 x 2.5 cm) excluding connectors.
Dimensions	Shipping Package: 8.4" x 6.9" x 2.9" (21.5cm x 17.5cm x 7.5cm)
Weight	2.2lbs (1kg)
Compliance	Regulatory: FCC/CE*, RoHS Flammability: 94V0 <i>*Compliant when a ferrite is attached to the power cable near the device</i>
Warranty	2 years
Order Information	500710 3G-SDI SM Fiber Extender Kit (UPC: 627699007105)

3G-SDI SM Fiber Extender Kit 500710

Typical Application:



Product Photos:



Transmitter (Source Side)



Receiver (Display Side)