

Overview

The 3G-SDI Fiber Extender Kit (500710) allows HD-SDI to be transmitted up to 19mi (30km) via one singlemode fiber in a point-to-point configuration.

The HD-SDI 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. The 500710 includes a Hirose power cable for HD camcorder applications and comes with a hard plastic carry case.

Applications

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

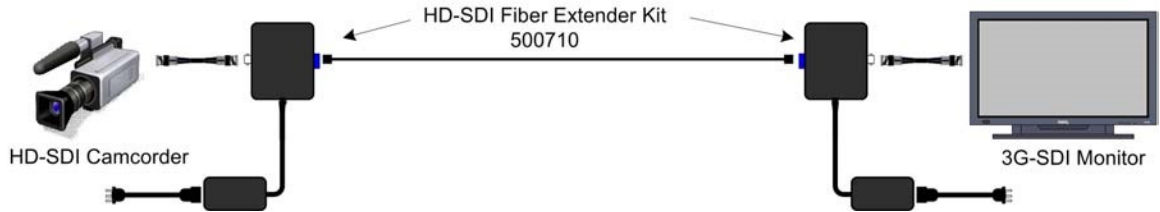


Key Features

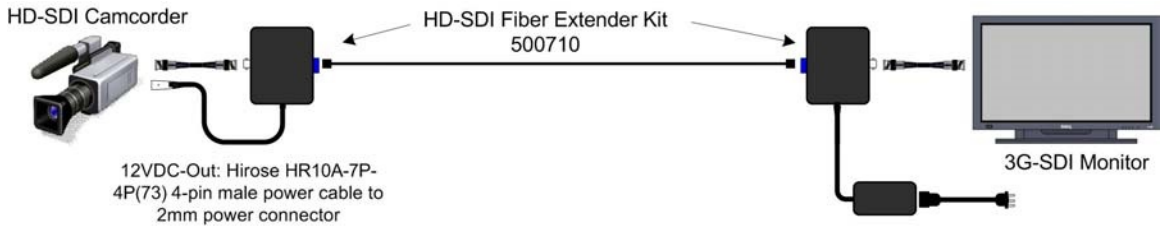
- Up to 19mi (30km) via one singlemode fiber
- Supports up to 3G-SDI
- LED diagnostics: Power, SDI presence
- Includes Hirose power cable
- Includes hard plastic carry case

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
Connectors On each unit	One BNC 75 ohm female. One LC Optical fiber connector. One power connector, 2mm.
Maximum Distance	Coax:: 330 ft (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 LC connector. Class I laser
Camera Power Cable	One cable to power the transmitter from a camera with a Hirose connector HR10A-7P-4P(73) and 2 mm locking connector.
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.
Carrying Case	One plastic carrying case, including two modules, two power supply and a camera power cable. Approx: 10"x9"x4" (25x23x10cm)
Dimensions	Shipping box: 10"x9"x4" (25x23x10cm)
Weight	3.5 lb. (1.5 kg)
Compliance	Regulatory: FCC/CE*, RoHS Flammability: 94V0 *Compliant when a ferrite is attached to the power cable near the device
Warranty	2 years
Order Information	500710 HD-SDI Fiber Extender Kit

Typical Application



The 500710 includes a Hirose HR10A-7P-4P(73) 4 Pin Male DC Out Power Cable to allow certain Sony and Panasonic HD camcorders to power the 500710 transmitter. Example: Panasonic AJ-HDX900 or similar camera. Others: Sony xxx



Rear panel