

Overview

The HDMI 4K Fiber Extender Kit (500460) allows HDMI equipment to be connected up to 1000 ft (305 m) @ 1080p60 Deep Color via one (1) 50/125 μ m Multimode fiber cables in a point-to-point configuration. The kit comes with one (1) Transmitter and one (1) Receiver as well as an IR Emitter (500998) and IR Sensor (500999) for remote control applications.



Applications

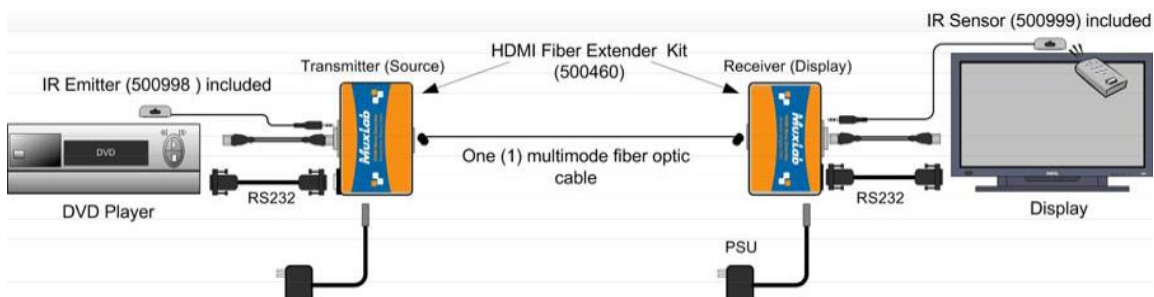
Commercial and professional AV systems, industrial megapixel video, classroom projector systems, digital signage, interbuilding systems, medical video systems.

Key Features

Up to 1,000 ft (300m) via a single multimode fiber
 IR Control (IR Sensor and IR Emitter included)
 SC connector multimode fiber 62.5 μ m/125 μ m.
 Supports RS232

Environment	HDMI 1.3a
Devices	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI.
Transmission	Transparent to the user
Bandwidth	340 MHz
Signals	HDMI 1.3a protocol
Connectors	One (1) HDMI receptacle. One (1) SC Fiber connector. 3.5mm jacks for IR emitter and sensor DB9 Connectors for RS-232 Ports <i>Note: Fiber and serial cables not included.</i>
Maximum Distance <i>Based on a maximum length of 6.6 ft (2 m) of HDMI cable per end.</i>	1080p60 video may be extended up to 1000 feet (305m), depending of the type of fiber used. 4K (3840 x 2160) 30fps (4:4:4) 4K (3840 x 2160) 60fps (4:2:0) Supports HDCP 1.4 or HDCP 2.2. 100m (300 ft) on 62.5/125 μ m (OM1) multi-mode SC fiber 305m (1000 ft) on 50/125 μ m (OM3) multi-mode SC fiber.
Cable	One (1) Multimode fiber 50/125 μ m or 62.5/125 μ m cable required
Power Supply	Two (2) 110-240V/5VDC power supplies with interchangeable blades
Power Consumption	Transmitter: 2.7 Watt Receiver: 2.3 Watt
Temperature	Operating: 0° to 40°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing
Enclosure	Steel
Dimensions	4.00" x 3.00" x 0.876" (10.2 x 7.6 x 2.2 cm)
Weight	2.0 lb (0.9 kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 years
Order Information	500460 HDMI Fiber Extender Kit

Typical Application



Rear Panel