

### Overview

The HDMI Fiber Extender Kit (500460) allows HDMI equipment to be connected up to 1000 ft (305 m) @ 1080p Deep Color via one (1) 50/125  $\mu$ 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

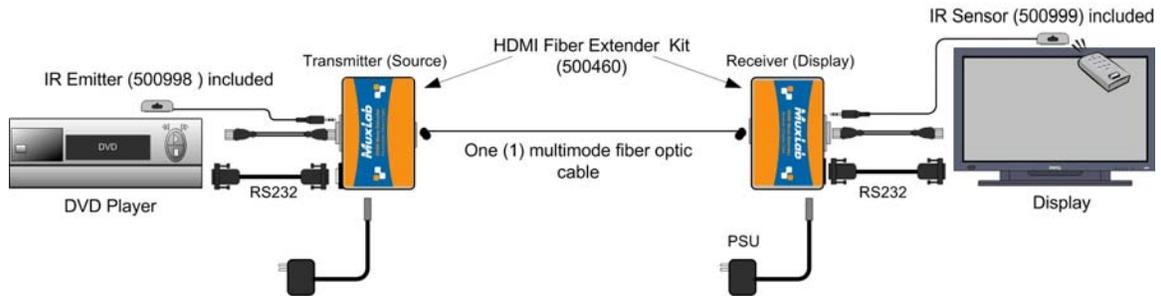
Commercial and professional AV systems, industrial megapixel video, classroom projector systems, digital signage, interbuilding systems, medical video systems.

### 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  $\mu$ m/125  $\mu$ m.
- Supports RS232

<b>Environment</b>	HDMI 1.3a
<b>Devices</b>	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI.
<b>Transmission</b>	Transparent to the user
<b>Bandwidth</b>	340 MHz
<b>Signals</b>	HDMI 1.3a protocol
<b>Connectors</b>	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>
<b>Maximum Distance</b>	1080P video may be extended up to 1000 feet (305m), depending of the type of fiber used.  <i>Based on a maximum length of 6.6 ft (2 m) of HDMI cable per end.</i> 100m (300 ft) on 62.5/125 $\mu$ m (OM1) multi-mode SC fiber 305m (1000 ft) on 50/125 $\mu$ m (OM3) multi-mode SC fiber.
<b>Cable</b>	One (1) Multimode fiber 50/125 $\mu$ m or 62.5/125 $\mu$ m cable required
<b>Power Supply</b>	Two (2) 110-240V/5VDC power supplies with interchangeable blades
<b>Power Consumption</b>	Transmitter: 2.7 Watt                      Receiver: 2.3 Watt
<b>Temperature</b>	Operating: 0° to 40°C                      Storage: -20° to 85°C Humidity: Up to 95% non-condensing
<b>Enclosure</b>	Steel
<b>Dimensions</b>	4.00" x 3.00" x 0.876" (10.2 x 7.6 x 2.2 cm)
<b>Weight</b>	2.0 lb (0.9 kg)
<b>Compliance</b>	Regulatory: FCC, CE, RoHS    Flammability: 94V0
<b>Warranty</b>	2 years
<b>Order Information</b>	500460    HDMI Fiber Extender Kit

## Typical Application



Rear Panel