

HDMI FIBER OPTIC EXTENDER

Extend a digital HDMI display up to 5,000 feet (1,524 meters).



ST-FOHDMI-LC Transmitter Unit



FIBER-2D-LCLC-50-xxM



Features & Applications

The XTENDEX® ST-FOHDMI-LC HDMI Extender via Fiber Optic Cable locates a digital HDMI display up to 5,000 feet (1,524 meters) away from the video source using fiber optic cable. Each extender consists of a transmitter that connects to a video source and a receiver that connects to a display.

- Signal transmission via four strand multimode LC fiber optic cable — no RF interference.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- HDCP compliant.
- Silent fanless operation.
- LEDs indicate power, audio, and video connectivity status.
- LCD indicates status and resolution.
- Built-in default EDID configuration table.
- EDID learning for the support of any EDID compatible display device.
- Compact and durable design — allowing for easy connection and placement.
- Cables can be installed in conduit prior to extender installation.
- No software to install.
- RGB and Clock signals are transmitted separately by multimode optical fiber, no separate copper connection required.

Specifications

- Connectors (for transmitter and receiver): One female HDMI single link connector and two duplex LC connectors.
- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200.
- Optical source: 850nm VCSEL.
- Compliant with HDMI 1.3 standard.
- Video Amplifier bandwidth: 165MHz.
- Data rate: 2.25 Gbps.

Environmental

- Operating Temperature: 14°F to 122°F (-10°C to 50°C).
- Storage Temperature: -22°F to 140°F (-30°C to 60°C).

Cables

- Use a FIBER-2D-LCLC-50-xxM (2 duplex LC 50-micron) multimode fiber optic cable to extend the receiver for the transmitter up to 5,000 feet (not included).
- Includes HDMI-6-MM cable to connect the HDMI devices to the transmitter and receiver, other lengths available.
 - Supports up to 50 ft of HDMI cable on input and output.

Regulatory Approvals

- CE, FCC.

Power

- 100 to 240 VAC at 50 or 60 Hz via AC adapter.
- Power consumption:
 - Transmitter: 2.65W
 - Receiver: 3.48W

Dimensions

- WxDxH (in): 5.4x4.7x1.0
- Transmitter and Receiver weight: 1.1 lbs

Package Includes

- Transmitter
- Receiver
- Two AC Power Adapters
- Two 6 foot HDMI Cables

Warranty

- Two years

Configuration and Cable Illustration

