

# HDMI FIBER OPTIC EXTENDER

Extend a digital HDMI display up to 1,524 meters.



**ST-FOHDMI-LC Transmitter Unit**

## Compatible Fiber Optic Cable



**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 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.
- 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 DDWG DVI standard.
- Built-in Auto EDID management function.
- Data rate: 2.25 Gbps.

### Environmental

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

### 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 1,524 meters (not included).
  - Includes two 1.8 meter male to male HDMI cables to connect video source and display to the transmitter and receiver.
  - Supports up to 15.2 meters of HDMI cable on input and output.

### Regulatory Approvals

- CE, FCC, RoHS.

### Power

- 12V/3A via DC adapter.
- Power consumption:
  - Transmitter: 1.65W
  - Receiver: 2.48W

### Dimensions

- WxDxH (cm): 13.7x11.9x2.5
- Transmitter and Receiver weight: .50 kg

### Package Includes

- Transmitter
- Receiver
- Two AC Power Adapters
- Two 1.8 meter HDMI Cables

### Warranty

- Two years

## Configuration and Cable Illustration

