

# HDTV 1080p HDMI Extender via Fiber Optic Cable

XTENDEX®

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

- 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.



**ST-FOHD-LC  
Transmitter Unit**



**Compatible Fiber Optic Cable  
FIBER-D-LCLC-50-xxM**



The XTENDEX® HDMI Extender via Fiber Optic Cable locates an HDMI display up to 5,000 feet (1,524 meters) away from a 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.

## Specifications

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

### Environmental

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

### Cables

- Use a FIBER-2D-LCLC-50-xxM (two duplex LC 50-micron) fiber optic cable to extend the receiver from the transmitter up to 5,000 feet (1,524 meters). Cable not included.
- Includes two 6-foot (1.8-meter) male to male HDMI cables to connect HDMI video source and display to the transmitter and receiver, other lengths available.
  - Supports up to 50 ft (15 m) of HDMI cable on input and output.

### Regulatory Approvals

- CE, FCC, RoHS

### Power

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

### Dimensions

- WxDxH: 5.4x4.7x1.0 in (137x119x25 mm)
- Transmitter and Receiver weight: 1.1 lbs (0.5 kg)

### Warranty

- Two years

## Configuration and Cable Illustrations

