

HDMI FIBER OPTIC EXTENDER

Extend a digital HDMI display up to 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 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.
- 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).
- Use HDMI-xx-MM cable to connect the HDMI devices to the transmitter and receiver.

Regulatory Approvals

- CE, FCC, UL.

Dimensions

- WxDxH (in): 109.2x78.7x25.4

Power

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

Warranty

- Two years

Configuration and Cable Illustration

