

DVI EXTENDER VIA SINGLEMODE OR MULTIMODE FIBER

Extend a single link digital DVI display up to 1,500 meters



ST-2FODVI-LC Receiver and Transmitter

Compatible Fiber Optic Cable



FIBER-D-LCLC-50-xxM

Features & Applications

The XTENDEX® ST-2FODVI-LC DVI Extender via Fiber Optic Cable locates a single link digital DVI display away from a computer up to 1,500 meters using singlemode fiber optic cable and 500 meters using multimode fiber optic cable. Each extender consists of a transmitter that connects to a computer and a receiver that connects to a monitor.

- Ideal solution for digital signage applications.
- Supports computer resolutions up to 1920x1200.
- Signal transmission via two strand singlemode or multimode LC fiber optic cable – no RF interference.
 - Using singlemode cable, extend to 1,500 meters.
 - Using multimode cable, extend to 500 meters.
- Small form factor – allowing for easy connection and placement.
- Cables can be installed in conduit prior to extender installation.
- EDID learning for the support of any DVI display device.
- Low RFI/EMI for sensitive applications.
- No software to install.

Specifications

- Resolution: maximum up to 1920x1200.
- Connectors (for transmitter and receiver): one male DVI-D single link connector and two LC fiber connectors.
- Maximum distance: 1,500 meters using singlemode cable and 500 meters using multimode cable.
- Compliant with DDWG DVI standard.
- EDID learning for the support of any DVI display device.
- Low RFI/EMI.

Dimensions

- WxDxH (mm): 38.1x68.6x54.2

Cables

- Use a FIBER-D-LCLC-50-xxM duplex multimode LC 50-micron fiber optic cable to extend the receiver from the transmitter up to 1,640 feet (not included).
- Use a duplex singlemode LC 9-micron fiber optic cable to extend the receiver from the transmitter up to 4,920 feet (not included).

Power

- 100 to 240 VAC at 50 or 60 Hz via AC adapter.
- Power consumption: 5W (each – transmitter and receiver).

Regulatory Approvals

- CE, FCC, RoHS

Environmental

- Operating Temperature: -0°C to 50°C (-32°F to 122°F).
- Storage Temperature: -10°C to 85°C (14°F to 185°F).
- Operating and Storage Relative Humidity: 5 to 85% non-condensing RH.

Configuration and Cable Illustrations

