DVI Extender via Two Singlemode or Multimode Fiber

XTENDEX®

Extend a single link digital DVI display up to 4,920 feet (1,500 meters)

- Ideal solution for digital signage applications.
- Supports computer resolutions to 1920x1200 (WUXGA).
- Signal transmission via two strand singlemode or multimode LC fiber optic cable – no RF interference.
  - Using singlemode cable, extend to 4,920 feet.
  - Using multimode cable, extend to 1,640 feet.
- 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.

The DVI Optical Extender is the ideal solution for a wide range of applications. Examples include:

- Remote DVI display monitoring for medical, military, aerospace, industrial and traffic control applications.
- Digital Flat Panel Displays (FPD), Plasma Display Panels (PDP) and projectors in conference rooms and auditoriums.
- Kiosks with digital FPDs.
- Color LED signboards, FPDs and PDPs for information display at stadiums.

ST-2FODVI-LC
Receiver and Transmitter

FIBER-D-LCLC-50-xxM

DIGITAL SIGNAGE

The XTENDEX® ST-2FODVI-LC DVI Extender via Fiber Optic Cable locates a single link digital DVI display away from a computer up to 4,920 feet (1,500 meters) using singlemode fiber optic cable and 1,640 feet (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.

Specifications

- Resolution: up to 1920x1200. (WUXGA)
- Connectors (for transmitter and receiver): one male DVI-D single link connector and two LC fiber connectors.
- Maximum distance: 4,920 feet using singlemode cable and 1,640 feet using multimode cable.
- Compliant with DDWG DVI standard.
- EDID learning for the support of any DVI display device.
- Low RFI/EMI.

Environmental

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

Regulatory Approvals

- CE, FCC, RoHS.

Dimensions

- WxDxH (in): 1.5x2.7x0.6

Max Distance

- 1,640 feet (500 meters) over 50µm multimode LC fiber optic cable.
- 4,920 feet (1,500 meters) over 9µm singlemode LC fiber optic cable.

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).

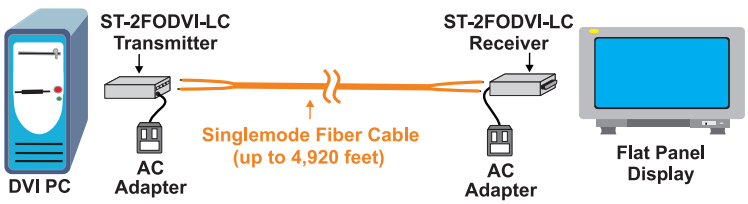
Power

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

Warranty

- Two years

Configuration and Cable Illustrations



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