

DVI-D Dual Link Extender via Fiber Optic Cable

XTENDEX®

Extend a dual link digital DVI display up to 330 feet.

- Supports single link and dual link by selectable function switcher.
 - Supports 2560x1600 QXGA resolution for dual link devices.
 - Supports 1920x1200 WUXGA resolution for single link devices.
 - Supports HDTV resolutions to 1080p.
- Transmits DVI-D signal over 7-strand multimode LC fiber optic cable.
- Supports two DDC modes.
 - Real mode: Uses one CAT5 cable for DDC.
 - Emulation: pseudo-DDC detection function for EDID (extended display identification data) information.



ST-FODVIDD-LC Local and Remote Units

The XTENDEX® DVI-D Dual Link Extender via Fiber Optic Cable extends a digital flat panel display up to 330 feet away from a DVI-D dual link video source using fiber optic cable. Each DVI optical extender consists of a transmitter that connects to a computer and a receiver that connects to a monitor.

Specifications

Connectors (Transmitter and Receiver)

- One female DVI-I dual link connector.
- One female RJ45 connector
- Eight duplex LC connectors.

Dimensions

- WxDxH: 7.1x3.5x1.2 in (180x89x30 mm)

Regulatory Approvals

- FCC, RoHS

Warranty

- Two years

Power

- 110 to 220 VAC at 50 or 60 Hz via AC adapter
- Power consumption: 1.5 W (each - local and remote unit)

MTBF

- 560,670 hrs.

Environmental

- Operating Temperature: -32 to 122°F (0 to 50°C).
- Storage Temperature: -4 to 158°F (-20 to 70°C).

Max Distance

- 330 feet (101 meters) over 50µm or 62.5µm multimode LC fiber optic cables.

Cables

- Use two FIBER-2D-LCLC-50-xxM (2 duplex LC 50-micron) multimode fiber optic cables to extend the receiver from the transmitter up to 330 feet (101 meters).
- Use one CAT5 cable connected between the transmitter and receiver for DDC (not included).

Configuration and Cable Illustrations

