

DVI Extender via Multimode Fiber Optic Cable

XTENDEX®

Extend a single link digital DVI display up to 3,280 feet (1,000 meters)

- Signal transmission via four strand multimode LC fiber optic cable no RF interference.
- EDID learning for the support of any DVI display device.
- Supports computer resolutions to 1920x1200.
- Small form factor 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.

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-FODVI-LC
Receiver and Transmitter



FIBER-2D-LCLC-50-xxM
(Compatible Fiber Optic Cable)



The XTENDEX® ST-FODVI-LC DVI Extender via Multimode Fiber Optic Cable locates a single link digital DVI display up to 3,280 feet (1,000 meters) away from a computer using fiber optic cable. Each extender consists of a transmitter that connects to a computer and a receiver that connects to a monitor.

Specifications

- Resolution: maximum up to 1920x1200 at distances up to 1,000 meters (3,280 feet).
- Connectors (for transmitter and receiver): One male DVI-D dual link connector and two duplex LC connectors.
- Optical source: 850 nm VCSEL.
- PIN photo diode optical receiver.
- Compliant with DDWG DVI standard.

Environmental

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

Regulatory Approvals

- CE, FCC, RoHS.

Dimensions

- WxDxH: 1.5x2.8x0.6 in (38x71x15 mm)

Max Distance

- 3,280 feet (1,000 meters) over 50µm multimode LC fiber optic cable.

Cables

- Use a FIBER-2D-LCLC-50-xxM (2 duplex multimode LC 50-micron) multimode fiber optic cable to extend the receiver for the transmitter up to 3,280 feet (1,000 meters).

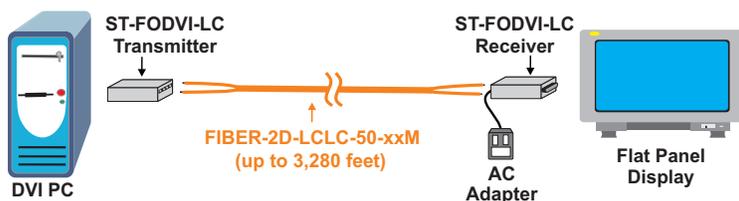
Power

- 100 to 240 VAC at 50 or 60 Hz via AC adapter.

Warranty

- Two years

Configuration and Cable Illustrations



Compatible DVI Female to Female Gender Changer



DVII-FF

Compatible Cables and Adapters

NTI Part #	Description
FIBER-2D-LCLC-50-xxM	2 duplex multimode LC 50-micron fiber optic cable
DVII-FF	DVI female to female gender changer