

DVI EXTENDER VIA MULTIMODE FIBER OPTIC CABLE

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



ST-FODVI-LC Receiver* (Front & Back)

*The transmitter looks the same as the receiver

Compatible Fiber Optic Cable



FIBER-2D-LCLC-50-xxM

Features & Applications

The XTENDEX™ ST-FODVI-LC DVI Extender via Multimode Fiber Optic Cable locates a single link digital DVI display up to 1,500 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.

- Signal transmission via four strand multimode LC fiber optic cable — no RF interference.
- 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 fibers.
- Four models available; each model supports a different resolution up to 1,500 meters.
 - 1024x768
 - 1280x1024
 - 1600x1200
 - 1920x1200
 - The extenders will support resolutions lower than the specified resolution.

Specifications

- Signal bandwidth: 1.65Gbps (Single Link).
- Resolution: maximum up to 1920x1200.
 - Refer to chart below for maximum resolution for each extender.
- Connectors (for transmitter and receiver): One male DVI-D single link connector and two duplex LC connectors.
- Optical source: 850nm VCSEL.
- PIN photo diode optical receiver.
- Maximum distance: 1,500 meters.
- Compliant with DDWG DVI standard.

Dimensions

- WxDxH (mm): 38x71x13

Power

- 110 to 220 VAC at 50 or 60 Hz via AC adapter.

Regulatory Approvals

- CE, FCC

Environmental

- Operating Temperature: -32°F to 122°F (-0°C to 50°C).
- Storage Temperature: -40°F to 185°F (-40°C to 85°C).

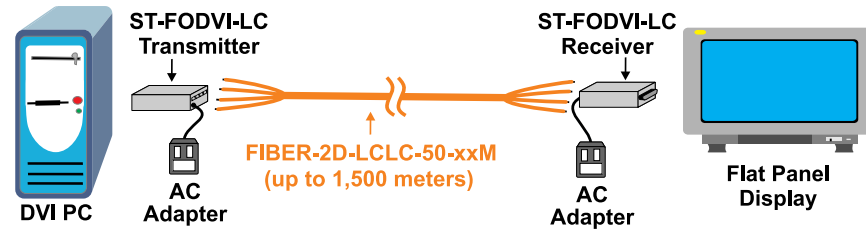
Warranty

- Two years

Cables

- Use a FIBER-2D-LCLC-50-xxM (2 duplex multimode LC 50-micron) fiber optic cable to extend the receiver from the transmitter up to 1,500 meters (not included).
 - Available lengths: 20/30/40/50/100/300/500/700/1000/1500 meters

Configuration and Cable Illustration



Compatible DVI Female to Female Gender Changer



DVII-FF

DVI Extender via Fiber Optic Cable Models	
NTI Part #	Maximum Resolution
ST-FODVI-LC-1024	1024x768
ST-FODVI-LC-1280	1280x1024
ST-FODVI-LC-1600	1600x1200
ST-FODVI-LC-1920	1920x1200

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