

DVI Extender via One Singlemode/Multimode Fiber Optic Cable up to 6.2 Miles

XTENDEX®

Extend a single link digital DVI display up to 6.2 miles (10 kilometers)

- Supports HDTV resolutions to 1080p and computers resolutions to 1920x1200 (WUXGA).
- Signal transmission via one singlemode or multimode LC fiber.
 - Using singlemode 9-micron cable, extend to 6.2 miles (10 kilometers).
 - Using multimode 50-micron cable, extend to 1,000 feet (305 meters).
- Small form factor – allowing for easy connection and placement.
- Cables can be installed in conduit prior to extender installation.
- True plug and play with pass-through EDID and CEC (consumer electronics control).
- No software to install.
- HDCP v1.2 compliant.
- 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-1FODVI-LC9-10KM (Front & Back)
***The transmitter looks the same as the receiver**



The XTENDEX® DVI Extender via Fiber Optic Cable locates a single link digital DVI display away from a computer up to 6.2 miles using singlemode fiber optic cable and 1,000 feet 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

Connectors (transmitter and receiver)

- One male DVI-D single link connector.
- One female LC fiber connector.
- One female micro-HDMI connector for power.

Video

- Supports HDTV resolutions to 1080p and computer resolutions to 1920x1200 (WUXGA).
- HDCP v1.2 compliant.

Power

- 100 to 240 VAC at 50 or 60 Hz via AC adapter.
 - Power supply not required if the video source or display can provide +5, 500ma on DVI pin 14.
- Power consumption: 1W

Dimensions (WxDxH)

- 1.58x2.26x0.57 in (40x57x15 mm).

Environment

- Operating temperature: 32 to 122°F (0 to 50°C).
- Storage temperature: 68 to 185°F (20 to 85°C).
- Operating and storage relative humidity: 10 to 95% non-condensing RH.

Package Includes

- DVI optical transmitter.
- DVI optical receiver.
- One power supply.
- One USB to Micro HDMI power cord.

Warranty

- Two years.

Max Distance

- 1,000 feet (305 meters) over 50µm multimode LC fiber optic cable.
- 6.2 miles (10 km) over 9µm singlemode LC fiber optic cable.

Cables

- Use a simplex multimode LC 50-micron fiber optic cable to extend the receiver from the transmitter up to 1,000 feet (305 meters).
- Use a simplex singlemode LC 9-micron fiber optic cable to extend the receiver from the transmitter up to 6.2 miles (10 kilometers).