

# DVI-D and HDMI Fiber Optical Cables for Long Runs

XTENDEX®

## Extend a single link digital DVI or HDMI display up to 164 feet.

- High speed and long distance transmission by optical system.
- No loss of signal - delivering crystal clear digital images instantly.
- RGB and Clock signals are transmitted by optical fiber.
- DDC signal is transmitted by copper line.
- No external power required.
- Optical fibers immune to signal noise.
- Low RFI/EMI for sensitive applications.
- Perfect solution for cable runs that must be routed through walls and over ceilings.
- Ideal solution for many applications, including:
  - Medical Imaging Equipment
  - Airplane On-board Video System
  - Home Theater
  - TV Broadcast Station
  - Conference Room Video Equipment



DVI-FO-xx-MM



HDMI-FO-xx

Locate a single link digital DVI display or HDMI display up to 164 feet from a video source using the DVI-FO-xx-MM DVI-D Fiber Optical Extension Cable or the HDMI-FO-xx HDMI Fiber Optical Extension Cable. These cables are an integrated cable solution, which includes the fiber optics components and the DDC signals built into the cable and the connectors.

## Specifications

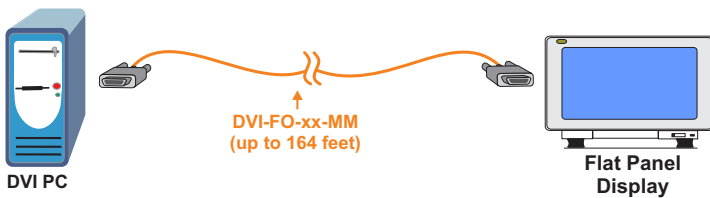
### DVI-D Optical Fiber Extension Cables DVI-FO-xx-MM

- Compatible with computers and video sources (satellite receivers, DVD players, etc) with female DVI-D dual link output connectors.
- Single link DVI-D signal.
  - Signal bandwidth: 1.65Gbps (Single Link).
- Connectors: Male DVI-D dual link connectors.
- Resolution: supports up to 1920x1440.
- Compatible with DDWG DVI standard.
- Optical source: 850 nm VCSEL.
- O/E Converter: PIN photo diode.
- Fiber: H-PCF graded index multimode fiber.
- Available lengths: 65/82/98/131/164 feet.

### HDMI Optical Fiber Extension Cables HDMI-FO-xx

- Compatible with computers and video sources with HDMI outputs.
  - Not compatible with MAC computers.
- Signal bandwidth: 1.65Gbps (Single Link)
- Connectors: One Female HDMI Type A connector, One Male Type A on attached cable.
- Resolution: Supports up to 1900x1200 resolution.
- HDTV Resolution: Supports up to 1080p
- Compatible with HDMI standard 1.3
- Optical source: 850 nm VCSEL.
- O/E Converter: PIN photo diode
- Fiber: H-PCF graded index multimode fiber.
- Available lengths: 33/49/82/98 feet.
- One 1.5' (0.46 m) HDMI male to male cable included.
- Integrated +5VDC power receptacle; external power supply included.

### Configuration and Cable Illustration



### Environmental

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

### Regulatory Approvals

- DVI-FO-xx-MM: FCC, CE, RoHS

### Warrant

- Two years