

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: 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