

Gefen PRO

Modular DVI Extender using One Fiber Optic Cable



GEF-DVI-FM1500

Extend a DVI source over a single strand of SC fiber optic cable up to 1000 meters for single-mode and 500 meters for multi-mode

The GefenPRO DVI-FM1500 Optical DVI Extender with virtual EDID programming extends a DVI source up to 3280 feet (1000 meters) using single-mode (50 micron) fiber optic cable. Virtual EDID programming provides fast integration and compatibility with the input video source and the display. Resolutions up to 1920 x 1200 (WUXGA) at 60 Hz are supported.

How It Works

Connect the Sender Unit to any DVI source. Connect the Receiver Unit to the DVI output. Use a single SC-terminated fiber optic cable to connect the Sender Unit to the Receiver Unit. Use the included 5V DC power supplies to connect the Sender Unit and the Receiver Unit to available electrical outlets.

NOTE: When using multi-mode fiber optic cable, DVI can be extended to 1640 feet (500 meters).

Features:

- Extends DVI up to 3280 feet (1000 meters) in single-mode
- Extends DVI up to 1640 feet (500 meters) in multi-mode
- Supports resolutions up to 1920x1200 (WUXGA) @ 60 Hz
- Optical signal transmission provides good immunity to electromagnetic interference
- Virtual EDID Programming feature provides quick installation and compatibility between source and display
- Uses single-mode or multi-mode SC fiber optic cable
- Fully Supports DVI 1.0 Specifications and DDC2B via virtual DDC

Specifications*:

- Maximum Pixel Clock: 165 MHz
- Input Video Signal: 1.2 volts p-p
- Input DDC Signal: 5 volts p-p (TTL)
- DVI Connector (Sender / Receiver): DVI-D, 19-pin, male
- Fiber Optic Connector (Sender / Receiver): SC type
- Power Supply: (Sender / Receiver) 5V DC
- Power Consumption: 2.5 Watts (max.) per unit
- Operating Temperature: 0 ~ 50 °C
- Dimensions (Sender / Receiver): 1.54" W x 0.57" H x 2.68" D
- Shipping Weight: 2 lbs.

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*Specifications subject to change without notice.