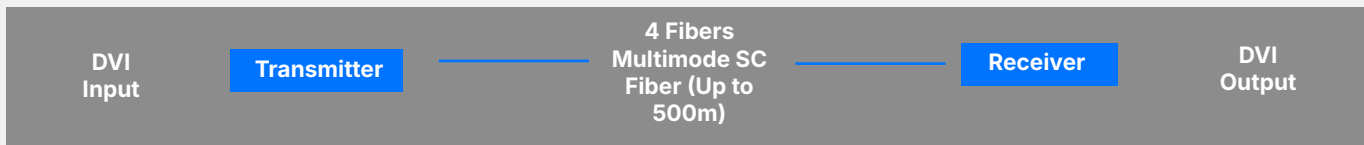


LinkBridge™ Fiber Optic-DVI Video Transmission System (4-MMF-LC)



Overview

The 4800 Series is a high performance, yet affordable, Fiber Optic DVI Extension System that is designed to carry one (1) DVI channel, over long distances through four (4) multimode fibers. This unique fiber optic system lets your digital flat panel display extend up to 500m away from host by TMDS digital signal transmission. No user adjustments are required in the 4800 system due to the use of advanced digital fiber optic transmission technology. Panel connectors are provided for the DVI-D 24-pin plug and LC-type (4800 Series) or LC-type (4802 Series) fiber connectors.

Features

- Extends one DVI channel over multi-mode fiber up to 500m away from the source device
- Complies with Class 1 Laser Eye Safety
- Requires 4 Fibers for R,G, B Clock Transmission
- Operates up to 165MHz WUXGA, 1920×1200@60Hz or 1080p HDTV
- Offers self EDID Programming feature, detecting from display and restoring to an EPROM in the transmitter by simply plugging into the display without any physical DDC connection

LinkBridge™ Fiber Optic-DVI Video Transmission System (4-MMF-LC)

VIDEO SPECIFICATIONS

Resolution	Up to 1920×1200, 60Hz
Connector	DVI-D 24-Pin Plug
Protocol	DDC Self EDID programming feature

OPTICAL

Fiber Type	Multimode
Number of Fibers	4
Connector	LC 50/125um Multimode Glass Fiber, OM3
Distance	up to 500m

PHYSICAL

Dimensions	0.59" (W) x 1.54" (D) x 2.33" (H)
Power Consumption	+5V DC @ 0.5A
Operating Temperature	0 to 50°C
Humidity	0 to 95% RH, Non-Condensing

CERTIFICATION

CE, FCC, 1 IEC 60601 - 1 Medical

COMPLIANCE

ROHS

ORDER INFORMATION

4800-T-M-LC	Fiber Optic DVI Video Transmitter, 4MMF-LC
4800-R-M-LC	Fiber Optic DVI Video Receiver, 4MMF-LC
4800-T/R-M-LC	Fiber Optic DVI Video Transmis- sion System, 4MMF-LC (Tx & Rx)