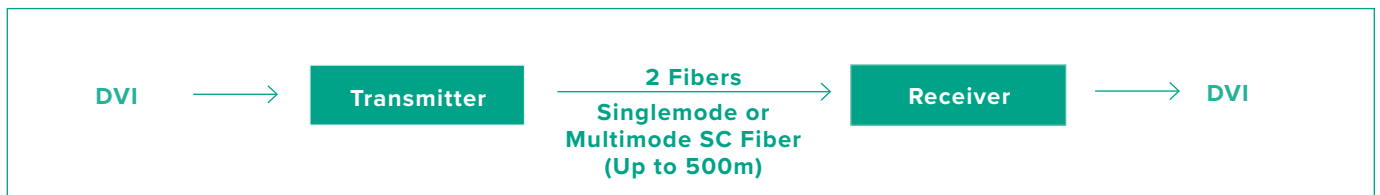


LinkBridge™ Fiber Optic-DVI Video Transmission System (2-MMF-LC)

4802-T-M-LC / 4802-R-M-LC



OVERVIEW

The 4802 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 two (2) multimode and/or singlemode 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 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 fiber up to 500m away from the source device
- Complies with Class 1 Laser Eye Safety
- Requires 2 Fibers for R,G, B Clock Transmission
- Operates up to 165MHz WUXGA, 1920x1200@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

VIDEO SPECIFICATIONS

Resolution	Up to 1920x1200, 60Hz
Connector	DVI-D 24-Pin Plug
Protocol	DDC Self EDID programming feature

OPTICAL

Fiber Type	Singlemode & Multimode (4802 Series)
Number of Fibers	2 (4802 Series)

Connector	LC
	50/125um OM3 Multimode Fiber 9/125um Single Mode Glass Fiber
Distance	up to 1500m (Singlemode) or 500m Multimode)

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

CERTIFICATIONS

CE, FCC

GREEN COMPLIANCE

RoHS

ORDER INFORMATION

4802-T-M-LC	Fiber Optic DVI Video Transmitter, 2MMF-LC
4802-R-M-LC	Fiber Optic DVI Video Receiver, 2MMF-LC
4802-T/R-M-LC	Fiber Optic DVI Video Transmission System, 2 MMF LC (Tx & Rx)