

Mini DVI Fiber Optic Extender

1-Channel DVI -D Fiber Extender over 4xLC Multi-mode Fiber

1 →
DVI -D

System Design

Mini DVI Fiber Optic Extenders

VOS-DVI-4LCT/R is a mini DVI-D signal extender that can transmit 1-channel of WUXGA 1920x1200 digital uncompressed DVI-D video signals with 60Hz refresh rate. The modules can extend DVI-D signal up to 500 meters over 4xLC multi-mode fiber optic cable, which surpasses the limits of copper cabling extension, without any adjustments, equalization or de-skewing during installation.

Audio

Data

VOSCOM MiniDVI Fiber Optic Extender support Auto-EDID programming, the EDID information contained in any given display unit can be read and restored by just plugging the units into the display. This Auto-EDID programming feature makes the installation of VOS-DVI-4LCT/R quick and easy especially since it requires no software or manual dip-switch settings.

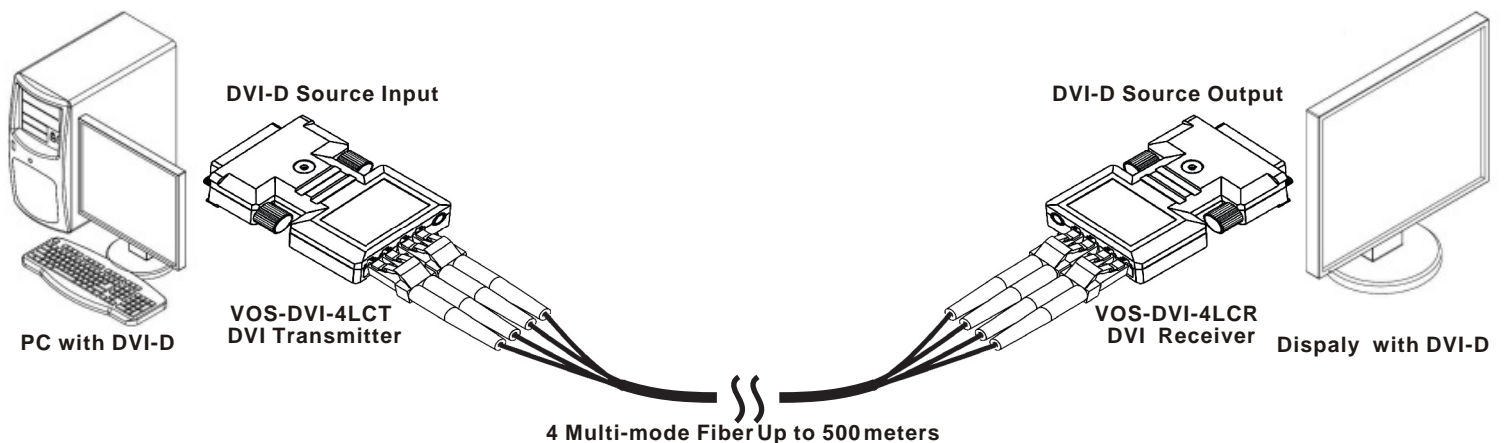


Ethernet

Features

- Extends uncompressed DVI-D video signals up to 1920 x 1200@60Hz
- Provides lossless and uncompressed image quality without frame dropping
- Uses four (4) LC multimode fiber optic cable
- Multimode fiber support for distances up to 500m
- Supports Auto-EDID programming
- Two (2) Universal power adapters included
- Requires no adjustments, equalization or de-skewing during installation
- No EMI or RFI and no ground loops

Typical Configuration



DVI Fiber Optic Extenders

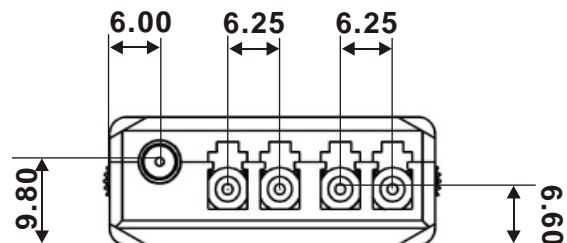
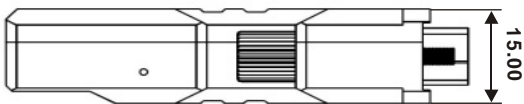
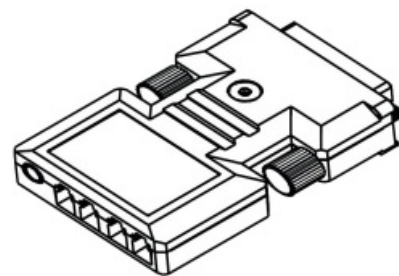
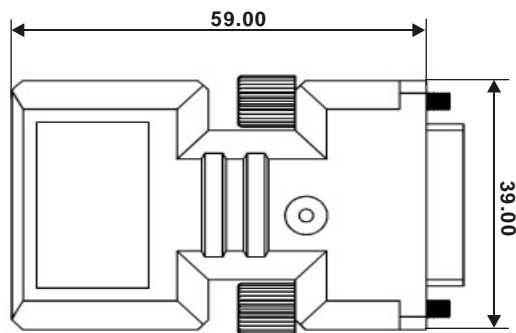
Ordering Information

Model Number		Fiber Mode	Wavelengths	Optical Power Budget	Maximum Transmission Distance
Transmitter	Receiver				
VOS-DVI-4LCT	VOS-DVI-4LCR	Multi-Mode	850nm	10dB	500m

Specification

<ul style="list-style-type: none"> Video <p>Number of Channels: 1-Channel DVI 1.0 Bit Rates: Up to 1.65Gb/s Maximum resolution: WUXGA 1920x1200@60 Hz</p>	<ul style="list-style-type: none"> Electrical & Mechanical <p>Input Power Requirements: DC 5V@2A Power Adapter: AC 100V~240V Power Consumption: < 2W Dimensions: 59mm × 39mm × 15mm Weight: 30g</p>
<ul style="list-style-type: none"> Connectors <p>DVI Connector: DVI-D Male Optical Connector: 4 x LC Stand-Alone Power: Screw terminal block</p>	<ul style="list-style-type: none"> Environmental <p>Operating Temperature: 0° C ~ +70° C Storage Temperature: -20° C ~ +85° C Relative Humidity: 0%~95% (non-condensing)</p>

Panel Drawings



Due to continuous improvement, all products specifications are subject to change without further notice. Contact us for custom requirements. E-mail: Sales@voscom.com Website: www.voscom.com