

2xLC DVI Fiber Extender-1310/1550nm Laser, 1080p/60Hz, 2km



OV11DVI-2FO-S

The OV11DVI-2FO-S DVI fiber extender support resolution up to UXGA (1600X1200) graphic signals with 60Hz refresh rate. At such data bandwidth, this module can extend up to 1,640 feet (500 meters) over MMF or 2KM over SSF without any distribution amplifier or repeater.

A transmitter has 4 Laser inside and a receiver has 4 Pin-PDs inside, and each transmitter or Receiver also has a 1310/1550nm WDM filter inside, which combines the 1310nm laser and 1550nm laser into one fiber.

Features

- Resolution is up to WUXGA (1,920 X 1,200) 60Hz.
- Applicable to both single-mode and multi-mode fibers.
- No DDC and HDCP.
- Distance is up to 500 meters over OM3 MMF, or 2km over SMF.
- EDID study from the display.
- Detachable feature with 2x LC multi-mode fibers.
- Certifies FCC and CE standards for EMI/RFI emission.

Specification

Video Bandwidth	4.95Gbps
Case	Metal
Color	Black
Distance	SMF-2KM/MMF-500M
Connector/Fiber	1+18 pins DVI-D/2xLC
Resolution	HDMI: 1080P/60HZ DVI: 1920x1200/60HZ
Laser Type	1310nm/1550nm FP laser
Power Supply	5V 1A
Power Consumption	2W
Dimension(LxWxH)	TX:70X39X15mm RX:70X39X15mm
Environment	Operating Temperature : -40°C~85°C

Optical

- Optical source: 1310nm/1550nm FP Laser
- Fiber: 2xLC MM or SM fiber
- Distance:
OM3 MMF:500M SMF:2KM

Package

- Transmitter x 1
- Receiver x 1
- DC 5V/1A x 2

Application

