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VX-1DP-LINK-MM-2LC



The VX-1DP-LINK-MM-2LC is a compact, extremely powerful fiber optic extender pair capable of extending uncompressed Display Port 1.2a (21.6 Gbps bandwidth) over fiber. Extend resolutions up to 4096x2160@60 Hz long distances up to 328 feet/100 meters on a duplex MM fiber. With its pluggable, dangle type design simply connect the transmitter directly to the DP connector on the graphics card and the receiver to the remote monitor, making a very clean installation with no other mounting kits needed. Since the VX-1DP-LINK-MM-2LC uses pure fiber connectivity between the source and display, it provides the highest quality, highest isolation and most secure connection possible. The units are powered by USB with no need for external power supplies and can use the source and display USB connections for power. If external power supplies are needed, the units come standard with 5VDC@1A power supplies.

Features

- Uncompressed DP1.2a long distance extension
- 4K resolution support up to 4096x2160@60
- Total data rate of 21.6 Gbps
- Supports DP++ (Dual-mode DP)
- Up to 328 feet on MM fiber
- Only duplex LC connection needed
- Supports auxilliary/I²C channel
- Multi-stream transport
- Pure fiber connectivity for secure applications
- Plug & play directly connect to DP connector
- Power and optical link indicators

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Models

Model	Description
VX-1DP-LINK-MM-2LC	Fiber optic extender link (tx & rx), Uncompressed Display Port 1.2a, Support for resolutions up to 4096x2160@60Hz, Up to 328 feet on duplex LC connectors, MM fiber, USB powered or external 5 VDC@1A included, Plug & play design directly connect to DP connector



Specifications

Video Specifications	
Display Port Compliance	1.2a
Auxiliary data channel	I ² C over fiber
Resolution Support	Up to 4096x2160@60
Video Bandwidth	21.6 Gbps
Optical Specifications	
Distance	Up to 328 feet
Fiber Type	MM (OM3 fiber recommended)
Fiber Connector	Duplex LC
Mechanical Specification	
Enclosure type	Stand-alone
Dimensions (L x W x H)	2.84" x 1.02" x .6"
Weight	6 oz
Mounting	Direct plug to DP connector
Power Specifications	
Power Supply	Max 5.5 VDC
Power Consumption	Max 1.54 Watts
Environmental Specifications	
Operating Temperature	0 to 50 C
Relative Humidity	10 to 85%, non-condensing
Storage Temperature	-30 to +70 C