

Overview:

The DisplayPort 1.2a Fiber Extender Kit, 500502 enables the user to transmit WQXGA (3840x2400) video at 60Hz signal up to 330ft (100m), with any form of scaling or data compression being applied to the signal. This device support a total data throughput of 21.6Gbps (5.4Gbps per lane).



Applications:

Extending DisplayPort Monitors in various applications including;

Commercial and residential computer systems
Classroom training computer systems
Collaborative computer systems
Medical information computer systems

Features:

- Extend DisplayPort connectivity via multi-mode fiber
- Supports the DisplayPort 1.2a standard
- Up to 330ft (100m) over 50/125µm multi-mode fiber
- Supports WQXGA (3840x2400) resolution @ 60Hz
- Bandwidth of 21.6Gbps
- Supports Dual-Mode DP (DP++)
- Supports auxiliary/I²C channel over fiber
- Compact Metal Enclosure for a robust and easy installation

Specifications	
Environment	DisplayPort 1.2a
Devices	Plasma, projectors, monitors, PC, laptops, and servers supporting DisplayPort.
Transmission	Transparent to the user
Video Bandwidth	21.6 Gbps (5.4 Gbps per lane)
Video Resolution	Up to 3840x2400 @ 60Hz
Signals	DisplayPort 1.2a
Connectors	One (1) DisplayPort Male Connector Two (2) LC Optical Connectors One (1) Micro USB connector for external power
Maximum Distance	330ft (100 m) over 50/125µm multi-mode fiber (OM3)
Cable	Two (2) LC multi-mode fibers, having a 50/125µm core
Power Supply	Two (2) 110-240V to 5VDC, 1A power supply with interchangeable blades for US, UK & Euro
Temperature	Operating: 0° to 50°C Storage: -30° to 70°C Humidity: Up to 85% non-condensing
Enclosure	Metal
Dimensions	1.02" x 2.83" x 0.57" (26 x 72 x 15 mm)
Weight	1.0 lbs (0.45 kg)
Compliance	Regulatory: FCC, CE, RoHS
Warranty	2 years
Order Information	500502 DisplayPort 1.2a Fiber Extender Kit (UPC: 627699005026)

DisplayPort 1.2a Fiber Extender Kit 500502

Typical Application:

