HDMI 2.0 Fiber Extender Kit
500464-V2

Overview:

The HDMI 2.0 Fiber Extender Kit, 500464-V2 enables the user to transmit 4K (4096x2160) video at 60Hz signal up to 3300ft (1000m) via OM4 multi-mode fiber, with any form of scaling or data compression being applied to the signal. This device supports a total data throughput of 18Gbps (6Gbps per lane). The unit supports HDR10+, Dolby Vision and HLG, as well as CEC, ARC, EDID and HDCP 1.4 & 2.2.

The unit supports one (1) SC connector for the link connection. Power to the Transmitter module may be provided by the video source, if the source can supply sufficient current, otherwise a USB Power source is provided. This kit includes two (2) 1m HDMI 2.0 Premium Certified cables for connecting to source and sink devices.

Applications:

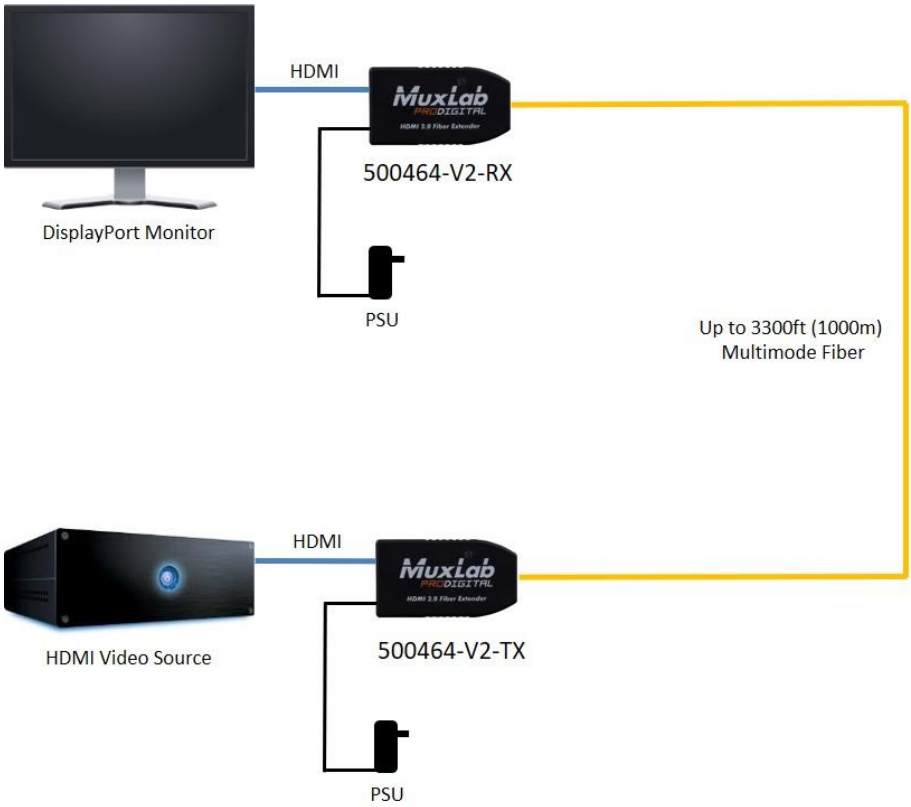
Residential, commercial and professional AV systems, industrial megapixel video, classroom projector systems, digital signage, inter-building systems, medical video systems.

Features:

- Supports the HDMI 2.0 standard
- Up to 4K (4096x2160) resolution, @ 60Hz
- Bandwidth of 18Gbps
- Up to 3300ft (1000m) over OM4 multi-mode fiber
- Supports CEC, ARC, EDID & HDCP 1.4 & 2.2
- Supports HDR formats, including HDR10+, Dolby Vision and HLG
- Includes two 1m HDMI 2.0 Premium Certified Cables
- Compact enclosure for tight spaces

Specifications	
Environment	HDMI 2.0
Devices	Plasma, projectors, monitors, Television, PC, laptops, and servers supporting HDMI.
Transmission	Transparent to the user
Video Bandwidth	18 Gbps (6 Gbps per lane)
Video Resolution	Up to 4096x2160 @ 60Hz
Signals	HDMI 2.0
Connectors per unit	One (1) HDMI Female Connector One (1) SC Optical Connector One (1) Micro USB connector for external power
Maximum Distance	3300ft (1000 m) over 50/125µm multi-mode fiber (with OM4 fiber). (OM3 fiber may also be used, but at a slightly lower distance)
Cable	• Includes two (2) 1m HDMI 2.0 Premium Certified Cables • Requires one (1) SC multi-mode fiber cable, having a 50/125µm core for the link connection (fiber cable not included)
Power Supply	Two (2) 110-240V to 5VDC, 1A power supply with interchangeable blades for US, UK & Euro
Maximum Current	Transmitter: 500mA, Receiver: 250 mA
Temperature	Operating: 0° to 50°C Storage: -30° to 70°C Humidity: Up to 85% non-condensing
Enclosure	Plastic
Dimensions	2.49” x 1.37” x 0.57” (63 x 35 x 15 mm)
Weight	0.70 lbs (0.32 kg)
Compliance	Regulatory: FCC, CE, RoHS
Safety	Optical Fiber Communication System Class 1 Eye Safety per IEC 60825-1
Warranty	2 years
Order Information	500464-V2 HDMI 2.0 Fiber Extender Kit (UPC: 627699014646)

Typical Application:



Note: - *Two (2) 1m HDMI 2.0 Premium Certified Cables included*

- *Supports up to 4K resolution @ 60Hz over 1000m of OM4 multi-mode fiber (fiber cable not included) (OM3 fiber may also be used, but at a slightly lower distance)*

MuxLab Inc. | 2321 Cohen Road, Saint-Laurent, Quebec, Canada, H4R 2N7
Tel: (514) 905 0588 | Fax: (514) 905 0589 | Toll Free:1 877 689-5228
E-mail: info@muxlab.com | www.muxlab.com