

Overview:

The HDMI 2.0 Fiber Extender Kit, 500464 enables the user to transmit 4K (4096x2160) video at 60Hz signal up to 330ft (100m) via OM3 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 two (2) LC connectors. The Transmitter may be powered via USB power (with the included power supply), or from the 5V supplied from pin #18 of the HDMI connector of the source side only.

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 330ft (100m) over OM3 50/125µm multi-mode fiber
- Supports CEC, EDID & HDCP 2.2
- High retention HDMI connector to prevent accidental disconnection
- Robust compact metal enclosure

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 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	500464 HDMI 2.0 Fiber Extender Kit (UPC: 627699004647)

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Typical Application:



Up to 4K Resolution @ 60Hz over 100m of OM3 Multi-mode Fiber

