

Overview:

The HDMI Optical Isolator (500462) allows HDMI equipment to be completely isolated and connected up to 984ft (300m), while allowing a unidirectional communication (with no return signaling) via one (1) LC 50/125 μ m OM3 multimode fiber cable in a point-to-point configuration at 1080p resolution.

The HDMI Optical Isolator establishes a high separation between the source computer and the display devices preventing any potential leakage between the source and the peripheral equipment; removing the vulnerability of shared display equipment to cyber-attacks.

The kit comes with one (1) Transmitter, one (1) Receiver and two (2) power supply.

Typical Markets:

IT security market; government offices, army bodies and other sensitive IT offices. This product is targeted to be used for security against potential IT threat and should be used in highly sensitive environments.



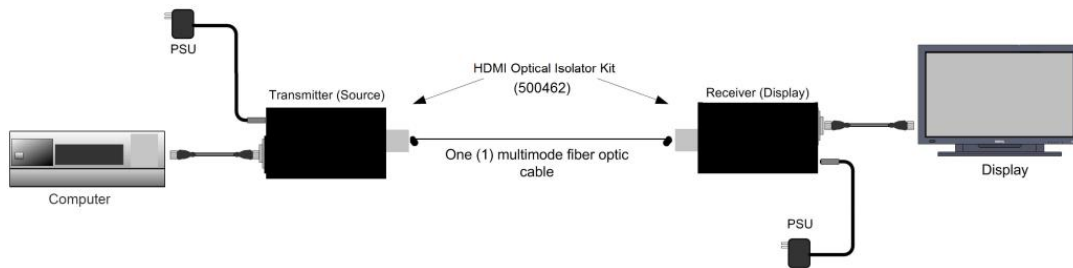
Features:

- Complete optical isolation between source and display.
- Unidirectional HDMI communication.
- No return signaling.
- Fixed EDID configuration.
- Up to 984ft (300m) @ 1080p via one (1) LC multimode fiber.

Environment	HDMI 1.3a and DVI-D
Devices	DVD, plasma, projectors, monitors, TV, PC, laptops, servers supporting HDMI.
Transmission	Unidirectional. Transparent to the user
Bandwidth	340 MHz
Signals	HDMI 1.3a protocol
Copy Protection	Do NOT Support HDCP protected content.
Connectors	TX Side: One (1) HDMI receptacle. One (1) LC Fiber connector (output only). One (1) 2.1mm power connector. RX Side: One (1) HDMI receptacle. One (1) LC Fiber connector (input only). One (1) 2.1mm power connector. <i>Note: HDMI and Fiber cables not included.</i>
Maximum Distance <i>Based on a maximum length of 6.6 ft (2 m) of HDMI cable per end.</i>	480i/p: 984ft (300m) 720p, 1080i: 984ft (300m) 1080p 8-bit: 984ft (300m) 1080p 12-bit deep-color: 984ft (300m) 4K @ 24,25, 30Hz 984ft (300m)
Cable	One (1) Multimode fiber 50/125 μ m OM3 cable required
Power Supply	Two (2) 110-240V/5VDC power supply with interchangeable blades
Power Consumption	Transmitter: 1.35 Watt Receiver: 1.15 Watt
Temperature	Operating: 0° to 55°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing
Enclosure	Aluminium
Dimensions	3.27" x 1.97" x 0.75" (83 x 50 x 19 mm)
Weight	1.0 lb (0.45 kg)
Compliance	Regulatory: FCC Class A, CE, RoHS
Warranty	2 years
Order Information	500462 HDMI Optical Isolator Kit (UPC: 627699004623)

HDMI Optical Isolator Kit 500462

Typical Application:



Product Photos:

