

OAM Managed Gigabit Ethernet Fiber Media Converter - Multi Mode LC 550m - 802.3ah Compliant

Product ID: ET91000LCOAM



The ET91000LCOAM Managed Fiber Media Converter lets you extend a Gigabit Ethernet connection over Multimode LC fiber, with the added benefit of remote management capabilities.

Compliant with 802.3ah OAM (Operations, Administration & Management), this managed media converter incorporates an easy-to-use web interface for operation, administration and maintenance, enabling you to quickly determine the location of failing links and the fault conditions without sending service personnel to the physical location of the device.

An effective solution for connecting a Gigabit Ethernet (1000Base-T) network to remote network segments over a (1000Base-LX/SX) fiber backbone, the Ethernet to fiber converter supports full Gigabit speeds at distances of up to 550m (1804ft) through the installed Multi-Mode LC SFP. The converter also features an all-steel chassis, for durability in harsh environments.

For added versatility, this fiber media converter supports standalone operation, or installation into the [%product id="ETCHS2U" text="20 Slot, 2U Rackmount Chassis"%](ETCHS2U), as well as a replaceable MSA-compliant SFP slot.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Provides connectivity to a user or network segment that is in an isolated area of a large complex or in another building altogether

- Perfect for secure connections required by government agencies where EMI is not acceptable
- Extend network connectivity to remote areas of stadiums, auditoriums or other venues
- Connect traffic control or monitoring systems to a main office, even from extreme distances

Features

- Supports standalone operation, or installation into the ETCHS2U Rackmount Chassis
- SFP can be removed from the unit, for replacement or swapping to a different specification
- Supports full or half-duplex operation
- Gigabit Multi Mode LC SFP installed (up to 550m)
- Supports 802.3ah OAM In-band management for monitoring connection status
- 9k Jumbo Frame Support
- Per-port bandwidth control
- Supports Auto Laser Shutdown (ALS)

| | | |
|-----------------|--------------------|-------------------------|
| Hardware | Warranty | 2 Years |
| | PoE | No |
| | WDM | No |
| | Industry Standards | IEEE 802.3z 1000BASE-LX |
| | Industry Standards | IEEE 802.3z 1000BASE-SX |
| | Industry Standards | IEEE 802.3ah EFM |
| | Industry Standards | IEEE 802.3 10BASE-T |
| | Industry Standards | IEEE 802.3u 100BASE-TX |
| | Industry Standards | IEEE 802.3ab 1000BASE-T |

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|--------------------|----------------------------|--------------------|
| Performance | Maximum Data Transfer Rate | 1.25 Gbps |
| | Max Transfer Distance | 550 m (1804 ft) |
| | Type | Multi Mode |
| | Wavelength | 850nm |
| | Fiber Operating Mode | Full-Duplex |
| | DDM | No |
| | Compatible Networks | 1000 Mbps (1 Gbps) |
| | Auto MDIX | Yes |
| | MTBF | 65,000 Hrs |

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|---------------------|-----------------------|-----------------------|
| Connector(s) | Local Unit Connectors | Fiber Optic LC Duplex |
| | Local Unit Connectors | RJ-45 |

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|---------------------------------|------------------------------|---------------------------------------|
| Power | Power Source | AC Adapter Included |
| | Input Voltage | 100 - 240 AC |
| | Input Current | 0.36 A |
| | Output Voltage | 12V DC |
| | Output Current | 1.6 A |
| | Center Tip Polarity | Positive |
| | Plug Type | M |
| | Power Consumption (In Watts) | 12 |
| <hr/> | | |
| Environmental | Operating Temperature | 0C to 60C (32F to 140F) |
| | Storage Temperature | -10C to 70C (14F to 158F) |
| | Humidity | 10~90% RH (Non-condensing) |
| <hr/> | | |
| Physical Characteristics | Color | Black |
| | Material | Steel |
| | Product Length | 6.4 in [1.6 cm] |
| | Product Width | 3.4 in [87 mm] |
| | Product Height | 0.9 in [23 mm] |
| | Weight of Product | 14.5 oz [411 g] |
| <hr/> | | |
| Packaging Information | Package Length | 8.1 in [2.1 cm] |
| | Package Width | 5.4 in [1.4 cm] |
| | Package Height | 3.6 in [92 mm] |
| | Shipping (Package) Weight | 27.9 oz [789 g] |
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| What's in the Box | Included in Package | Instruction Manual |
| | Included in Package | Universal Power Adapter (NA/EU/UK/AU) |
| | Included in Package | Fiber Media Converter |
| | Included in Package | Grounding Screw |

**Product appearance and specifications are subject to change without notice.*

