

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

StarTech 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 [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.

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

Technical Specifications

Warranty	2 Years
Industry Standards	IEEE 802.3 10BASE-T
Industry Standards	IEEE 802.3ab 1000BASE-T
Industry Standards	IEEE 802.3ah EFM
Industry Standards	IEEE 802.3u 100BASE-TX
Industry Standards	IEEE 802.3z 1000BASE-LX
Industry Standards	IEEE 802.3z 1000BASE-SX
PoE	No
WDM	No
Local Unit Connectors	1 - Fiber Optic LC Female
Local Unit Connectors	1 - RJ-45 Female
Auto MDIX	Yes
Compatible Networks	1000 Mbps (1 Gbps)
DDM	No
Fiber Type	Multi Mode
MTBF	65,000 Hrs
Maximum Data Transfer Rate	1.25 Gbps
Max Transfer Distance	550 m (1804 ft)
Wavelength	850nm
Fiber Operating Mode	Full-Duplex
Color	Black
Enclosure Type	Steel
Product Height	0.8 in [20 mm]
Product Length	6.3 in [160 mm]
Product Weight	21.9 oz [620 g]
Product Width	3.7 in [95 mm]
Center Tip Polarity	Positive
Input Current	0.36 A
Input Voltage	100~240V
Output Current	1 A
Output Voltage	12 DC
Plug Type	M
Power Adapter Included	Yes
Operating Temperature	0°C to 60°C (32°F to 140°F)
Storage Temperature	-10°C to 70°C (14°F to 158°F)
Humidity	10~90% RH (Non-condensing)
Shipping (Package) Weight	25.4 oz [720 g]
Included in Package	1 - Fiber Media Converter

Included in Package	1 - Universal Power Adapter (NA/UK/EU)
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

