

# 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 [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
- 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)

<b>Hardware</b>	Warranty	2 Years
	Industry Standards	IEEE 802.3 10BASE-T
		IEEE 802.3ab 1000BASE-T
		IEEE 802.3ah EFM
		IEEE 802.3u 100BASE-TX
		IEEE 802.3z 1000BASE-LX
IEEE 802.3z 1000BASE-SX		
PoE	No	
WDM	No	
<b>Performance</b>	Auto MDIX	Yes
	Compatible Networks	1000 Mbps (1 Gbps)
	DDM	No
	Fiber Operating Mode	Full-Duplex
	Max Transfer Distance	550 m (1804 ft)
	Maximum Data Transfer Rate	1.25 Gbps
	MTBF	65,000 Hrs
	Type	Multi Mode
Wavelength	850nm	
<b>Connector(s)</b>	Local Unit Connectors	1 - Fiber Optic LC Duplex Female 1 - RJ-45 Female
<b>Power</b>	Center Tip Polarity	Positive
	Input Current	0.36 A
	Input Voltage	100 - 240 AC
	Output Current	1.6 A
	Output Voltage	12V DC
	Plug Type	M
	Power Consumption (In Watts)	12
Power Source	AC Adapter Included	
<b>Environmental</b>	Humidity	10~90% RH (Non-condensing)
	Operating Temperature	0°C to 60°C (32°F to 140°F)
	Storage Temperature	-10°C to 70°C (14°F to 158°F)

<b>Physical Characteristics</b>	Color	Black
	Material	Steel
	Product Height	0.9 in [2.3 cm]
	Product Length	6.4 in [16.3 cm]
	Product Width	3.4 in [87 mm]
	Weight of Product	14.5 oz [411 g]
<b>Packaging Information</b>	Package Height	3.6 in [92 mm]
	Package Length	8.1 in [20.6 cm]
	Package Width	5.4 in [13.6 cm]
	Shipping (Package) Weight	27.9 oz [789 g]
<b>What's in the Box</b>	Included in Package	1 - Fiber Media Converter
		1 - Grounding Screw
		1 - Universal Power Adapter (NA/EU/UK/AU)
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.