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, 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 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)

Hardware

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

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

Connector(s)

	Local Unit Connectors	Fiber Optic LC Duplex
		RJ-45

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

Environmental

	Operating Temperature	0C to 60C (32F to 140F)
	Storage Temperature	-10C to 70C (14F to 158F)
	Humidity	10~90% RH (Non-condensing)

Physical Characteristics

	Color	Black
	Material	Steel
	Product Length	6.4 in [16.3 cm]
	Product Width	3.4 in [87 mm]

Product Height	0.9 in [23 mm]	
Weight of Product	14.5 oz [411 g]	

Packaging Information

Package Length	8.1 in [20.6 cm]	
Package Width	5.4 in [13.6 cm]	
Package Height	3.6 in [92 mm]	
Shipping (Package) Weight	27.9 oz [789 g]	

What's in the Box

Included in Package	Fiber Media Converter
	Universal Power Adapter (NA/EU/UK/AU)
	Grounding Screw
	Instruction Manual

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