

1000 Mbps Gigabit Single Mode Fiber Media Converter LC 40 km

Product ID: ET1000S40LC2



The ET1000S40LC2 1000 Mbps Gigabit Single-Mode Fiber Media Converter (LC, 40 km) enables you to extend a Gigabit Ethernet network over single-mode fiber, at distances up to 40km (25 miles).

A cost-effective solution for connecting a Gigabit Ethernet (1000Base-T) network to remote network segments over a (1000Base-LX/SX) fiber backbone, the GbE to SM fiber converter supports full Gigabit speeds for ideal network performance and scalability. Designed to offer a durable and convenient Ethernet to fiber solution, the Ethernet to LC Fiber converter features an all-steel chassis, and a simple plug-and-play installation with minimal configuration required.

For added versatility, this fiber media converter supports standalone operation, or installation into the 20 Slot, 2U Rackmount Chassis (ETCHS2U).

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

Certifications, Reports and Compatibility



Applications

- Converts 1000Base-LX fiber optic signals to 1000Base-T Ethernet over single mode fiber cable
- Provides connectivity to a user or network segment that is in an isolated area of a large complex or in another building altogether
- Extend network connectivity to remote areas of stadiums, auditoriums or other venues
- Perfect for secure connections required by government agencies where EMI is not acceptable
- Connect traffic control/monitoring systems at extreme distances to the main office

Features

- Advanced features include Link-loss forwarding, remote monitor status, two frame lengths
- Easy installation
- Maximum Fiber Cable length of 40 Km
- Supports full or half-duplex operation
- Supports standalone operation, or installation into the ETCHS2U Rackmount Chassis

Hardware	Warranty	2 Years
	PoE	No
	WDM	No
	Industry Standards	IEEE802.3ab (1000BASE-T) IEEE802.3z (1000BASE-SX/LX)
Performance	Maximum Data Transfer Rate	2000 Mbps (full duplex mode) 40 km (24.8 mi)
	Max Transfer Distance	Single Mode
	Type	1310nm
	Wavelength	Half/Full-Duplex
	Fiber Operating Mode	Yes
	Auto MDIX	9K max.
	Jumbo Frame Support	65,000 Hours
	MTBF	
Connector(s)	Local Unit Connectors	RJ-45
	Local Unit Connectors	Fiber Optic LC Duplex
Power	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	0.36A
	Output Voltage	12V DC
	Output Current	1.6 A
	Center Tip Polarity	Positive
	Plug Type	M
	Power Consumption (In Watts)	4

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

Physical Characteristics	Color	Black
	Product Length	6.1 in [1.6 cm]
	Product Width	3.4 in [87 mm]
	Product Height	0.9 in [24 mm]
	Weight of Product	14.4 oz [407 g]

Packaging Information	Package Length	5.4 in [1.4 cm]
	Package Width	8.1 in [2.0 cm]
	Package Height	3.5 in [89 mm]
	Shipping (Package) Weight	26.6 oz [754 g]

What's in the Box	Included in Package	Fiber Media Converter
	Included in Package	Universal power adapter: comes ready for NA/EU/UK only when you buy in NA/EU/UK; comes ready for Australia and New Zealand only when you buy in Australia and New Zealand
	Included in Package	
	Included in Package	Instruction Manual
		Grounding Screw

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

