

# 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

- 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
- Connect traffic control/monitoring systems at extreme distances to the main office
- Extend network connectivity to remote areas of stadiums, auditoriums or other venues
- Converts 1000Base-LX fiber optic signals to 1000Base-T Ethernet over single mode fiber cable

### Features

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

<b>Hardware</b>	Warranty	2 Years
	Industry Standards	IEEE802.3ab (1000BASE-T) IEEE802.3z (1000BASE-SX/LX)
	PoE	No
	WDM	No
<b>Performance</b>	Auto MDIX	Yes
	Fiber Operating Mode	Half/Full-Duplex
	Jumbo Frame Support	9K max.
	Max Transfer Distance	40 km (24.8 mi)
	Maximum Data Transfer Rate	2000 Mbps (full duplex mode)
	MTBF	65,000 Hours
	Type	Single Mode
<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	0.36A
	Input Voltage	115V-230V AC
	Output Current	1.6 A
	Output Voltage	12 DC
	Plug Type	M
	Power Consumption (In Watts)	4
	Power Source	AC Adapter Included
<b>Environmental</b>	Humidity	10~90% RH
	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
	Product Height	0.9 in [24 mm]
	Product Length	6.1 in [155 mm]
	Product Weight	14.4 oz [407 g]
	Product Width	3.4 in [87 mm]

<b>Packaging Information</b>	Shipping (Package) Weight	26.6 oz [754 g]
<b>What's in the Box</b>	Included in Package	1 - Fiber Media Converter  1 - 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  1 - Grounding Screw  1 - Instruction Manual

Product appearance and specifications are subject to change without notice.