

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

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### Hardware

Warranty	2 Years
PoE	No
WDM	No
Industry Standards	IEEE802.3ab (1000BASE-T) IEEE802.3z (1000BASE-SX/LX)

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### Performance

Maximum Data Transfer Rate	2000 Mbps (full duplex mode)
Max Transfer Distance	40 km (24.8 mi)
Type	Single Mode
Wavelength	1310nm
Fiber Operating Mode	Half/Full-Duplex
Auto MDIX	Yes
Jumbo Frame Support	9K max.
MTBF	65,000 Hours

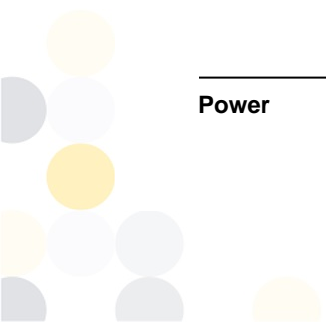
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### Connector(s)

Local Unit Connectors	RJ-45 Fiber Optic LC Duplex
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### 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

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#### Environmental

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

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#### Physical Characteristics

Color	Black
Material	Steel
Product Length	6.1 in [15.5 cm]
Product Width	3.4 in [87 mm]
Product Height	0.9 in [24 mm]
Weight of Product	14.4 oz [407 g]

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#### Packaging Information

Package Length	5.4 in [13.8 cm]
Package Width	8.1 in [20.5 cm]
Package Height	3.5 in [89 mm]
Shipping (Package) Weight	26.6 oz [754 g]

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**What's in the  
Box**

Included in Package

Fiber Media Converter

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

Grounding Screw

Instruction Manual

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

