

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 |
| | Industry Standards | IEEE802.3ab (1000BASE-T) IEEE802.3z (1000BASE-SX/LX) |
| | PoE | No |
| | WDM | No |
| Performance | 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 |
| | Wavelength | 1310nm |
| Connector(s) | Local Unit Connectors | 1 - Fiber Optic LC Duplex Female 1 - RJ-45 Female |
| | | |
| Power | Center Tip Polarity | Positive |
| | Input Current | 0.36A |
| | Input Voltage | 100 - 240 AC |
| | Output Current | 1.6 A |
| | Output Voltage | 12V DC |
| | Plug Type | M |
| | Power Consumption (In Watts) | 4 |
| | Power Source | AC Adapter Included |
| Environmental | 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) |
| Physical Characteristics | Color | Black |
| | Product Height | 0.9 in [2.4 cm] |
| | Product Length | 6.1 in [15.5 cm] |
| | Product Width | 3.4 in [87 mm] |
| | Weight of Product | 14.4 oz [407 g] |

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| Packaging Information | Package Height | 3.5 in [89 mm] |
| | Package Length | 5.4 in [13.8 cm] |
| | Package Width | 8.1 in [20.5 cm] |
| | Shipping (Package) Weight | 26.6 oz [754 g] |
| What's in the Box | 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.