

1000 Mbps Gigabit Single Mode Fiber Media Converter LC 40 km

StarTech 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.

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

Technical Specifications

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|----------------------------|---|
| Warranty | 2 Years |
| PoE | No |
| WDM | No |
| Local Unit Connectors | 1 - Fiber Optic LC Female |
| Local Unit Connectors | 1 - RJ-45 Female |
| Maximum Data Transfer Rate | 2000 Mbps (full duplex mode) |
| Max Transfer Distance | 40 km (24.8 mi) |
| Fiber Type | Single Mode |
| Wavelength | 1310nm |
| Fiber Operating Mode | Half/Full-Duplex |
| Auto MDIX | Yes |
| MTBF | 65,000 Hours |
| Color | Black |
| Product Length | 160 mm [6.3 in] |
| Product Width | 95 mm [3.7 in] |
| Product Height | 20 mm [0.8 in] |
| Product Weight | 620 g [21.9 oz] |
| Power Adapter Included | Yes |
| Input Voltage | 115 ~ 230 AC |
| Output Voltage | 12 DC |
| Output Current | 1A |
| Center Tip Polarity | Positive |
| Plug Type | M |
| Power Consumption | < 4W |
| Operating Temperature | 0°C to 60°C (32°F to 140°F) |
| Storage Temperature | -105/8/2012eg;C to 705/8/2012eg;C (145/8/2012eg;F to 1585/8/2012eg;F) |
| Humidity | 10~90% RH |
| Shipping (Package) Weight | 0.7 kg [1.6 lb] |
| Included in Package | 1 - Fiber Media Converter |
| Included in Package | 1 - Universal Power Adapter (NA/UK/EU) |
| Included in Package | 1 - Instruction Manual |

Certifications, Reports and Compatibility

