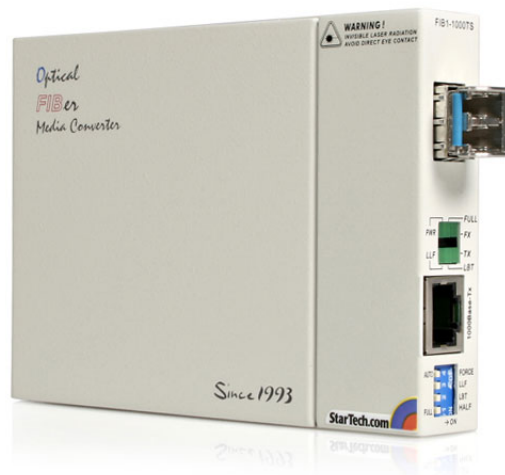


## 1000 Mbps Gigabit Single Mode Fiber Media Converter LC 40 km

StarTech ID: ET1000SM40LC



This Gigabit Ethernet to SM Fiber converter lets you extend a Gigabit Ethernet network over single mode fiber, at distances up to 40km (25 miles).

Providing a cost-effective solution for connecting a Gigabit Ethernet network to remote network segments over a fiber backbone, the GbE to SM fiber converter supports full Gigabit speeds end-to-end and delivers ideal network performance and scalability.

The Gigabit Ethernet/Fiber converter transparently converts 1000Base-T Ethernet into 1000Base-LX/SX optical for long distance single mode fiber connection to a second Gigabit Ethernet/SM Fiber converter, which performs the reverse operation (converting the 1000Base-SX/LX signal back into 1000Base-T) for connection to the remote Gigabit node/segment.

Designed to offer a durable and convenient Ethernet to fiber solution, the Gigabit Ethernet to SM Fiber converter features an all-steel chassis, and can be wall-mounted for out-of-the-way installations.

### Applications and Solutions

- Converts 1000Base-LX fiber optic signals to 1000Base-T Ethernet over single mode cable

## Features

- Advanced features: Link-loss forwarding, loop-back test, remote monitor status, two frame lengths
- Cost-effective way to extend/bridge networks using fiber cabling
- Easy to use and install
- Maximum Fiber Cable length of 40 Km
- Supports full or half-duplex operation

## Technical Specifications

- Warranty: 1 Year warranty
- Color: Beige
- Input Voltage: 115 ~ 230 AC
- Output Current: 1000 mA
- Output Voltage: 12 DC
- Plug Type: M
- Power Adapter Included: Yes
- Center Tip Polarity: Positive
- Carton Quantity: 12
- Shipping (Package) Weight: 1.48 lb [0.67 kg]
- Advanced Features: Link-loss forwarding, loop-back test, remote monitor status, two frame lengths
- Crossover Support: Auto-detect MDI and MDIX
- Interface A: 1 - Fiber Optic LC Female
- Interface B: 1 - RJ45 Female
- Maximum Data Transfer Rate: 2000 Mbps (full duplex mode)
- Fiber Operating Mode : Half/Full-Duplex
- Max Transfer Distance : 40 KM
- Wave Length: 1310nm~1550nm
- Product Height: 10.24 in [260 mm]
- Product Length: 19.29 in [490 mm]
- Product Width: 27.17 in [690 mm]
- Product Weight: 14.12 oz [400 g]
- Humidity: 10~90% RH
- Operating Temperature: 0°C to 50°C (32°F to 122°F)

- Storage Temperature: -10°C to 70°C (14°F to 158°F)

