

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

Warranty	2 Years
PoE	No
WDM	No
Local Unit Connectors	1 - Fiber Optic LC Duplex 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	6.1 in [155 mm]
Product Width	3.4 in [87 mm]
Product Height	0.9 in [24 mm]
Product Weight	14.7 oz [416 g]
Power Source	AC Adapter Included
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	-10°C to 70°C (14°F to 158°F)
Humidity	10~90% RH
Shipping (Package) Weight	1.8 lb [0.8 kg]
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

