

## 1000 Mbps Gigabit Multi Mode Fiber Ethernet Media Converter LC

**Product ID:** ET91000LCGB



The ET91000LCGB 1000 Mbps Gigabit Ethernet Multi Mode Fiber Media Converter LC 550m creates a simple, cost-effective Gigabit Ethernet-fiber link – transparently converting to/from 1000Base-T Ethernet, and 1000Base-SX optical signals to extend an Ethernet network connection over LC terminated multimode fiber at distances up to 550 meters (0.3 miles).

Easy to set up and install in a matter of seconds, this compact fiber media converter can be wall-mounted for out-of-the-way installations. The durable all steel chassis and heavy-duty power supply can withstand challenging industrial environments, and 6 integrated LED indicators make monitoring the Ethernet/fiber link easy.

This versatile GbE Ethernet to Fiber converter is compatible with most 3COM, Cisco, Lucent and Nortel networks and complies with applicable IEEE 802.3 standards.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

### Applications

- Creates an economical Ethernet-fiber/copper-fiber link for connecting remote sub-networks to larger fiber optic networks/backbones
- Provides connectivity to a user or network segment that is in an isolated area of a large complex or in another building altogether
- LAN-to-LAN connectivity between remote offices
- Extend network connectivity to remote areas of stadiums, auditoriums or other venues

- Connecting network servers and power users to Gigabit backbone
- Connects distant network or devices up to 550m in an existing multimode network

## Features

- Easy installation and setup in seconds
- Compatible with most 3Com, Cisco, Lucent, and Nortel networks
- Supports IEEE 802.3ab 1000BaseT and IEEE 802.3z 1000BaseSX industry standards
- Standard RJ-45 connectors for connecting to UTP media, and LC connector for connecting to fiber media
- Supports Half-Duplex and Full-Duplex operating modes up to 2 Gigabits/sec
- LED indicators continuously shows operating status of the converter
- Compact design and weight makes it portable and unobtrusive to carry
- Supports a maximum multimode fiber optic cable distance of 550 meters
- Plug and Play installation allows the converters to be connected to a PC, hub or a switch using an auto-sensing MDI/MDIX port

---

### Hardware

|                      |  |
|----------------------|--|
| Warranty             | 2 Years  |
| PoE                  | No   |
| WDM                  | No   |
| Industry Standards   | IEEE 802.3ab 1000BASE-T<br>IEEE 802.3z 1000BASE-SX |
| Regulatory Approvals | FCC Class A & CE Mark C-Tick                       |
| Industry Standards   | IEEE 802.3ab 1000BaseT, IEEE 802.3z 1000BaseSX     |

---

### Performance

|                            |                 |
|----------------------------|-----------------|
| Maximum Data Transfer Rate | 1000Mbps(1Gbps) |
| Max Transfer Distance      | 550 m (1804 ft) |
| Type                       | Multi Mode      |
| Wavelength                 | 850nm           |



Fiber Operating Mode      Half/Full-Duplex

---

**Connector(s)**

Local Unit Connectors      Fiber Optic LC Duplex  
RJ-45

---

**Indicators**

LED Indicators      Fiber  
Power  
UTP

---

**Power**

Power Source      AC Adapter Included  
Output Voltage      12V DC  
Output Current      0.5A  
Center Tip Polarity      Positive

---

**Environmental**

Operating Temperature      0C to 50C (32F to 122F)  
Storage Temperature      -10C to 70C (14F to 158F)  
Humidity      10~90% RH

---

**Physical Characteristics**

Color      Beige  
Product Length      4.8 in [12.3 cm]  
Product Width      3.4 in [86 mm]  
Product Height      0.8 in [20 mm]  
Weight of Product      24.4 oz [690 g]

---

**Packaging Information**

Package Length      9.1 in [23 cm]



|                           |                 |
|---------------------------|-----------------|
| Package Width             | 7.5 in [19 cm]  |
| Package Height            | 3.1 in [80 mm]  |
| Shipping (Package) Weight | 22.9 oz [650 g] |

---

**What's in the Box**

|                     |                                |
|---------------------|--------------------------------|
| Included in Package | Ethernet/Fiber Media Converter |
|                     | Power Adapter                  |
|                     | Instruction Manual             |

---

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

