

## 1000 Mbps Gigabit Ethernet Multi Mode Fiber Media Converter LC 550m

StarTech ID: ET91000LCEU



The ET91000LCEU 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.

### 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 a 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 SC 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

**Technical Specifications**

Warranty	2 Years
PoE	No
WDM	No
Regulatory Approvals	FCC Class A & CE Mark C-Tick
Industry Standards	IEEE 802.3ab 1000BaseT, IEEE 802.3z 1000BaseSX
Local Unit Connectors	1 - Fiber Optic LC Female
Local Unit Connectors	1 - RJ-45 Female
Maximum Data Transfer Rate	1000Mbps (1Gbps)
Max Transfer Distance	550 m (1804 ft)
Fiber Type	Multi Mode
Wavelength	850nm
Fiber Operating Mode	Half/Full-Duplex
Auto MDIX	Yes
Color	Beige
Enclosure Type	Steel
Product Length	4.8 in [123 mm]
Product Width	3.4 in [86 mm]
Product Height	0.8 in [20 mm]
Product Weight	24.4 oz [690 g]
LED Indicators	1 - Ethernet Link
LED Indicators	1 - Fiber Duplex Mode
LED Indicators	1 - Fiber Link
LED Indicators	1 - Link Loss Forwarding mode
LED Indicators	1 - Loopback Testing Mode
LED Indicators	1 - Power
Power Adapter Included	Yes
Input Voltage	110 ~ 240 AC
Output Voltage	12 DC
Output Current	0.5A
Center Tip Polarity	Positive
Operating Temperature	05/8/2012eg;C to 505/8/2012eg;C (325/8/2012eg;F to 1225/8/2012eg;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	1.6 lb [0.7 kg]

Included in Package	1 - Ethernet/Fiber Media Converter
Included in Package	1 - Power Adapter
Included in Package	1 - Instruction Manual

**Certifications, Reports and Compatibility**

