

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

Product ID: ET91000LC



The ET91000LC 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
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
Auto MDIX	Yes



Connector(s)

Local Unit Connectors	Fiber Optic LC Duplex
	RJ-45

Indicators

LED Indicators	Power
	Fiber Link
	Ethernet Link
	Fiber Duplex Mode
	Loopback Testing Mode
	Link Loss Forwarding Mode

Power

Power Source	AC Adapter Included
Input Voltage	110V-240V AC
Input Current	0.4A
Output Voltage	12V DC
Output Current	1A
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
Material	Steel
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 8.9 in [22.6 cm]

Package Width 2.9 in [74 mm]

Package Height 7.3 in [18.5 cm]

Shipping (Package) Weight 25.4 oz [720 g]

What's in the Box

Included in Package Ethernet/Fiber Media Converter

Mounting Bracket w/ Screws

Power Adapter

Instruction Manual

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

