

Gigabit Ethernet Fiber Media Converter - Compact - 850nm MM LC - 550m

StarTech ID: MCM1110MMLC



This fiber media converter offers an easy, cost-effective way to extend your network over Gigabit fiber. It is equipped with a multi-mode transceiver which converts a copper RJ45 Ethernet connection to Gigabit fiber to extend your network over longer distances or connect workstations to switches. The converter provides a powerful extended networking solution for campuses, businesses, government facilities, stadiums, or other areas requiring network access.

Cost-effective extension and dependable performance

The Gigabit Fiber Media Converter provides a cost-effective and dependable solution for shorter range network extensions. It connects an Ethernet network to remote devices over a fiber backbone, with a 550m range on the fiber optic interface. The media converter has a durable metal housing, engineered to deliver long-lasting performance.

Versatile connections for broad compatibility

Fully compatible with 10/100/1000Base-T Ethernet networks, the fiber media converter supports auto negotiation to bridge different speed networks and devices to a Gigabit fiber network. It provides versatile connectivity to your existing networks and devices, allowing you to maximize the usage and performance of legacy equipment.

The multi-mode transceiver is removable, giving you the flexibility to change your transceiver in the future to meet your networking needs.

Easy installation and compact convenience

The unmanaged fiber media converter has a standalone design with simple plug-and-play set-up to ensure fast and easy installation. Compact in size, the converter gives you flexible installation options - including a wall mounting option to save space.





The MCM1110MMLC is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Applications

- Extend or bridge networks using fiber cable
- Provide connectivity to users in an isolated area of a large complex or in a separate building
- Ideal for secure connections required by government or corporations where EMI is not acceptable

Features

- Convert between an RJ45 copper Ethernet connection and a fiber optic connection to extend your network cost-effectively
- 10/100/1000 Mbps RJ45 port supports auto negotiation to bridge different network speeds and devices to a Gigabit fiber network
- Compact standalone design and wall mounting option for easy and convenient installation
- 850nm LC multimode Gigabit fiber connection using the included SFP transceiver
- 550m range on fiber optic interface
- Link Fault Pass (LFP) supported
- Durable metal housing
- Auto MDIX
- 9K Jumbo Frame supported



Technical Specifications

Warranty 2 Years

Industry Standards IEEE 802.3 10BASE-T
Industry Standards IEEE 802.3u 100BASE-TX
Industry Standards IEEE 802.3ab 1000BASE-T
Industry Standards IEEE 802.3z 1000BASE-SX
Industry Standards IEEE 802.3z 1000BASE-LX

PoE No WDM No Auto MDIX Yes

Compatible Networks 10/100/1000 Mbps

Fiber Operating Mode Full-Duplex
Fiber Type Multi Mode
Max Transfer Distance 550 m (1804 ft)

Maximum Data Transfer Rate 1 Gbps

MTBF > 50,000 hours at 25°C

Wavelength 850nm

Local Unit Connectors 1 - RJ-45 Female

Local Unit Connectors 1 - Fiber Optic LC Duplex Female

Color Brown Enclosure Type Steel

Product Height 1 in [26 mm]
Product Length 3.8 in [97 mm]
Product Weight 7.1 oz [200 g]
Product Width 2.8 in [70 mm]
LED Indicators 1 - Power

LED Indicators 1 - Fiber Port Link/Act
LED Indicators 1 - Copper Port Link/Act

LED Indicators 1 - 1000 Mbps

Center Tip Polarity Positive Input Current 1 A

Input Voltage 100 ~ 240 AC

Output Current 2 A
Output Voltage 5 DC



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Spec Sheet

Plug Type N

Power Consumption 5 W Max

Power Source AC Adapter Included

Humidity 5~95% RH (Non-Condensing)
Operating Temperature 0°C to 50°C (32°F to 122°F)
Storage Temperature -10°C to 70°C (14°F to 158°F)

Shipping (Package) Weight 18.4 oz [520 g]

Included in Package 1 - Gigabit Ethernet Fiber Media Converter - MM LC

Included in Package 1 - Universal Power Adapter (NA/EU/UK/AU)

Included in Package 1 - Instruction Manual

Certifications, Reports and Compatibility







