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 multimode 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 multimode 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
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
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)

Color	Brown
Enclosure Type	Steel
Product Height	1 in [26 mm]
Product Length	8.1 in [205 mm]
Product Weight	7.1 oz [200 g]
Product Width	2.8 in [70 mm]
Shipping (Package) Weight	18 oz [510 g]
Included in Package	1 - Gigabit Ethernet fiber media converter - MM LC
Included in Package	1 - universal power adapter (NA/EU/UK/AU)

Certifications, Reports and Compatibility