

# Gigabit Ethernet Fiber Media Converter with Open SFP Slot

Product ID: MCM1110SFP



This fiber media converter offers an easy, cost-effective way to extend your network over fiber, using the SFP of your choice. It 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 networking solution for campuses, businesses, government facilities, stadiums, or other areas requiring network access.

## A cost-effective extension and flexible performance

The Gigabit fiber media converter provides a cost-efficient way to connect your Ethernet network to remote devices over a fiber backbone. It features an open SFP slot that lets you choose the [MSA-compliant Gigabit SFP](#) that best suits your fiber connection mode (single / multimode) and distance requirements.

## **A versatile way to connect different networks**

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.

## **Installation is fast and easy**

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.

The MCM1110SFP is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Certifications, Reports and Compatibility



### Applications

- Ideal for secure connections required by government or corporations where EMI is not acceptable
- Extend or bridge networks cost-effectively using fiber cabling
- Provide connectivity to users in an isolated area of a large complex or in a separate building
- Open SFP slot lets you customize your connection mode or distance using most MSA-Compliant transceivers

### Features

- Convert between an RJ45 copper Ethernet connection and a fiber optic connection to extend your network cost-effectively
- Gigabit Open SFP slot to customize the network extension distance to your requirements with virtually any MSA-compliant multi or single mode transceiver
- 10/100/1000 Mbps compatible 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
- Link Fault Pass (LFP) supported
- Durable metal housing
- Auto MDIX
- Supports IEEE 802.1q Tag VLAN pass through
- 9K Jumbo Frame supported

|                                     |                              |  |
|-------------------------------------|------------------------------|--|
| <b>Hardware</b>                     | Warranty                     | 2 Years  |
|                                     | Industry Standards           | IEEE 802.3 10BASE-T  |
|                                     |                              | IEEE 802.3u 100BASE-TX   |
|                                     |                              | IEEE 802.3ab 1000BASE-T  |
|                                     |                              | IEEE 802.3z 1000BASE-SX  |
| IEEE 802.3z 1000BASE-LX             |                              |  |
| PoE                                 | No                           |  |
| WDM                                 | No                           |  |
| <b>Performance</b>                  | Auto MDIX                    | Yes  |
|                                     | Compatible Networks          | 10/100/1000 Mbps   |
|                                     | Fiber Operating Mode         | Full-Duplex  |
|                                     | Maximum Data Transfer Rate   | 1 Gbps   |
|                                     | MTBF                         | > 50,000 hours at 25°C   |
|                                     | Type                         | Multi Mode<br>Single Mode  |
| <b>Connector(s)</b>                 | Local Unit Connectors        | 1 - RJ-45 Female   |
|                                     |                              | 1 - SFP Slot Female  |
| <b>Special Notes / Requirements</b> | <b>Note</b>                  | Fiber data transfer speeds and distances are dependent on the SFP transceiver used (sold separately) |
| <b>Indicators</b>                   | LED Indicators               | 1 - Power  |
|                                     |                              | 1 - Fiber Port Link/Act  |
|                                     |                              | 1 - Copper Port Link/Act   |
|                                     |                              | 1 - 1000 Mbps  |
| <b>Power</b>                        | 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 (In Watts) | 5  |
|                                     | Power Source                 | AC Adapter Included  |
| <b>Environmental</b>                | 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)  |
| <b>Physical Characteristics</b> | Color                     | Brown  |
|                                 | Enclosure Type            | Steel  |
|                                 | Product Height            | 1 in [2.6 cm]  |
|                                 | Product Length            | 3.7 in [95 mm]   |
|                                 | Product Width             | 2.8 in [70 mm]   |
|                                 | Weight of Product         | 6.5 oz [184 g]   |
| <b>Packaging Information</b>    | Package Height            | 2.7 in [68 mm]   |
|                                 | Package Length            | 5.5 in [13.9 cm]   |
|                                 | Package Width             | 11.2 in [28.4 cm]  |
|                                 | Shipping (Package) Weight | 19.2 oz [544 g]  |
| <b>What's in the Box</b>        | Included in Package       | 1 - Gigabit Ethernet fiber media converter w/ open SFP slot<br>1 - universal power adapter (NA/EU/UK/AU) |

Product appearance and specifications are subject to change without notice.