

# 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
	Fiber Type	Multi Mode
		Single Mode
	Maximum Data Transfer Rate	1 Gbps
MTBF	> 50,000 hours at 25°C	
<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 [26 mm]
	Product Length	3.7 in [95 mm]
	Product Weight	6.5 oz [185 g]
	Product Width	2.8 in [70 mm]
	<b>Packaging Information</b>	Shipping (Package) Weight
<b>What's in the Box</b>	Included in Package	1 - Gigabit Ethernet fiber media converter w/ open SFP slot
		1 - universal power adapter (NA/EU/UK/AU)

Product appearance and specifications are subject to change without notice.