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MCM1110SFP

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Spec Sheet

Gigabit Ethernet Fiber Media Converter with Open SFP Slot

StarTech 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.

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
- 9K Jumbo Frame supported

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Spec Sheet

Technical Specifications

Warranty	2 Years
Color	Brown
Enclosure Type	Steel
Product Height	26 mm [1 in]
Product Length	95 mm [3.7 in]
Product Weight	185 g [6.5 oz]
Product Width	70 mm [2.8 in]
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
Fiber Type	Single Mode
Maximum Data Transfer Rate	1 Gbps
MTBF	> 50,000 hours at 25°C
Local Unit Connectors	1 - RJ-45 Female
Local Unit Connectors	1 - SFP Slot Female
System and Cable Requirements	Fiber data transfer speeds and distances are dependent on the SFP used (sold separately)
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)
Shipping (Package) Weight	489 g [17.3 oz]
Included in Package	1 - Gigabit Ethernet fiber media converter w/ open SFP slot
Included in Package	1 - universal power adapter (NA/EU/UK/AU)

Certifications, Reports and Compatibility

RoHS Compliant Available

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