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

Product 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.

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.

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.

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.

Certifications, Reports and Compatibility

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

• Supports IEEE 802.1q Tag VLAN pass through

• Auto MDIX

• 9K Jumbo Frame supported

Hardware

Warranty	2 Years
PoE	No
WDM	No
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

Performance		
	Maximum Data Transfer Rate	1 Gbps
	Max Transfer Distance	550 m (1804 ft)
	Type	Multi Mode
	Wavelength	850nm
	Fiber Operating Mode	Full-Duplex
	Compatible Networks	10/100/1000 Mbps
	Auto MDIX	Yes
	MTBF	> 50,000 hours at 25C
Connector(s)		
	Local Unit Connectors	1 - RJ-45
		1 - Fiber Optic LC Duplex
Indicators		
	LED Indicators	1 - Power
		1 - Fiber Port Link/Act
		1 - Copper Port Link/Act
		1 - 1000 Mbps
Power		
	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	0.4 A
	Output Voltage	5 DC
	Output Current	2 A
	Center Tip Polarity	Positive
	Plug Type	N

	Power Consumption (In Watts)	10
Environmental		
	Operating Temperature	0C to 50C (32F to 122F)
	Storage Temperature	-10C to 70C (14F to 158F)
	Humidity	5~95% RH (Non-condensing)
Physical Characteristics		
	Color	Brown
	Material	Steel
	Product Length	3.7 in [94 mm]
	Product Width	2.8 in [7 cm]
	Product Height	1.0 in [2.6 cm]
	Weight of Product	7.1 oz [201 g]
Packaging Information		
	Package Quantity	1
	Package Length	11.2 in [28.4 cm]
	Package Width	5.4 in [13.8 cm]
	Package Height	2.7 in [68 mm]
	Shipping (Package) Weight	1.2 lb [0.5 kg]
What's in the Box		
	Included in Package	1 - Gigabit Ethernet fiber media converter - MM LC
		1 - universal power adapter (NA/JP, EU, UK, ANZ)

Product appearance and specifications are subject to change without notice.