10/100 Multi Mode Fiber to Ethernet Media Converter SC 2km with PoE

Product ID: MCM110SC2P

The MCM110SC2P 10/100 Multi Mode Fiber to Ethernet Media Converter supports a maximum fiber cable distance of 2km, ensuring a highly reliable signal for ideal network connectivity and performance.

Featuring Power over Ethernet support, the converter draws power from a PoE network, delivering the freedom to use the converter in environments and scenarios where additional standard power options are unavailable.

Rather than paying for expensive installations of power wire (at drop points that may have them), running PoE requires only standard network cable (e.g. Cat5e cable), eliminating added cost and hassle.

Backed by a StarTech.com 2-year warranty and free lifetime technical support, the 10/100Base to 100Base-FX Multimode Fiber Ethernet Media converter features a durable design to help ensure reliability and long-lasting performance.

Certifications, Reports and Compatibility

Applications

• Designed for large, high speed bandwidth requirements of demanding workgroups needing expansion of their fast Ethernet Network

• Works well in industrial applications where standard power outlets are not available, or are too costly to install

Features

• Supports IEEE 802.3 10Base-T, 802.3u 100Base-TX and 100Base-FX industry standards

• Auto detects half/full duplex transfer mode on RJ45 port

- Compact and lightweight design for portability

- Supports a maximum multimode fiber optic cable distance of 2km

- 10/100 Mbps auto-negotiation and auto-crossover on RJ45 port

- Supports Q in Q double tagged frame transparent

- Forward 1600 bytes (Max.) packets

- Supports IEEE 802.1q VLAN tagging pass-through

- Supports Flow Control (Pause) and Link Fault Pass-Through (LFP)

- Fiber Support Cable Type - 62.2/125m & 50/125m

- Powered via 802.3af Power over Ethernet (PoE PD) or by the included power adapter

Hardware

Warranty	2 Years	
PoE	Yes	
WDM	No	
Industry Standards	IEEE 802.3u 100BASE-FX	
	IEEE 802.3u 100BASE-TX	

Performance

Maximum Data Transfer Rate	10/100 Mbps	
Max Transfer Distance	2 km (1.2 mi)	
Type	Multi Mode	
Wavelength	1310nm	
Fiber Operating Mode	Half/Full-Duplex	
MTBF	65,000 Hours	

Connector(s)

Local Unit Connectors	RJ-45	
Remote Unit Connectors	Fiber Optic SC Duplex	

Special Notes / Requirements

	Patents and Licenses	The following patents are licensed for this product. This list might not be all inclusive.

• United States Patent No. 5,406,260 (expired)

•United States Patent No. 6,650,622

•United States Patent No. 7,457,250

•United States Patent No. 8,155,012

•United States Patent No. 8,902,760

•United States Patent No. 8,942,107

•United States Patent No. 9,019,838

•United States Patent No. 9,049,019

•United States Patent Application No. 14/695,456

•United States Patent Application No. 14/726,940

Indicators

	LED Indicators	Power

10/100 Operating Mode

POE Enabled

Full/Half Duplex Mode

Fiber Activity/Link

Ethernet Activity/Link

Power

	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Output Voltage	12V DC
	Output Current	0.4A
	Center Tip Polarity	Positive
	Plug Type	M
	Power Consumption (In Watts)	4.8

Environmental

Operating Temperature	0C to 50C (32F to 122F)
Storage Temperature	-10C to 70C (14F to 158F)
Humidity	10~90% RH

Physical Characteristics

Color	Black
Material	Plastic
Product Length	3.7 in [95 mm]
Product Width	3.0 in [75 mm]
Product Height	0.8 in [20 mm]
Weight of Product	3.0 oz [86 g]

Packaging Information

Package Length	6.8 in [17.2 cm]
Package Width	2.4 in [60 mm]
Package Height	5.6 in [14.3 cm]
Shipping (Package) Weight	9.6 oz [271 g]

What's in the Box

Included in Package	Media Converter
	Power Adapter
	Instruction Sheet

*Product appearance and specifications are subject to change without notice.