

## 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

- Works well in industrial applications where standard power outlets are not available, or are too costly to install
- Designed for large, high speed bandwidth requirements of demanding workgroups needing expansion of their fast Ethernet Network

### Features

- Convert and extend a 10/100 Mbps Ethernet connection up to 2 km over Multi Mode SC fiber
- Powered via 802.3af Power over Ethernet (PoE PD) or by the included power adapter
- Supports a maximum multimode fiber optic cable distance of 2km
- Supports IEEE 802.3 10Base-T, 802.3u 100Base-TX and 100Base-FX industry standards
- 10/100 Mbps auto-negotiation and auto-crossover on RJ45 port
- Fiber Support Cable Type - 62.2/125m & 50/125m

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#### Hardware

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

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#### 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

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#### Connector(s)

Local Unit Connectors	1 - RJ-45
Remote Unit Connectors	1 - Fiber Optic SC Duplex

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#### 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)
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- 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

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## Indicators

LED Indicators	1 - Power
	1 - 10/100 Operating Mode
	1 - POE Enabled
	1 - Fiber Activity/Link
	1 - Ethernet Activity/Link
	1 - Full/Half Duplex Mode

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## Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Output Voltage	12V DC
Output Current	1A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	4.8

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## Environmental

Operating Temperature	0C to 50C (32F to 122F)
Storage Temperature	-10C to 70C (14F to 158F)

Humidity 10~90% RH

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**Physical Characteristics**

Color	Black
Material	Plastic
Product Length	3.7 in [9.5 cm]
Product Width	3.0 in [7.5 cm]
Product Height	0.8 in [2.0 cm]
Weight of Product	3.0 oz [86.0 g]

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**Packaging Information**

Package Quantity	1
Package Length	6.8 in [17.2 cm]
Package Width	2.4 in [6.0 cm]
Package Height	5.6 in [14.3 cm]
Shipping (Package) Weight	9.6 oz [271.0 g]

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**What's in the Box**

Included in Package	1 - Media Converter
	1 - Power Adapter
	1 - Instruction Sheet

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