

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

Product ID: MCM110ST2P



This 10/100Base to 100Base-FX (ST) Multimode Fiber Ethernet media converter supports a maximum fiber cable distance of 2km, ensuring a highly reliable signal for ideal network connectivity and performance.

The fiber converter features Power over Ethernet support that allows the converter to draw 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.), eliminating cost and hassle.

Backed by our 2-year warranty, the 10/100Base Ethernet to 100Base-FX Multimode Fiber 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

- Auto – negotiation of 10/100 Mbps and Auto – Crossover for TX port.
- Auto detects half/full duplex transfer mode from the TX port.

- Fiber Support: Cable Type- 62.2/125m, 50/125m - 2km Range
- Forward 1600 bytes (Max.) packets
- It's compact design and weight makes it portable and unobtrusive to carry
- Led Indicators
- Provides switch configuration of half/full duplex transfer mode for FX port.
- Support flow control (Pause) and Link Fault Pass through (LFP)
- Supports 802.3af Power over Ethernet (only FMC-10/100P)
- Supports a maximum multimode fiber optic cable distance of 2km
- Supports IEEE 802.1q Tag VLAN pass thru
- Supports IEEE 802.3 10Base-T, 802.3u 100Base-TX and 100Base-FX industry standards
- Supports Q in Q double tagged frame transparent
- Can be powered over RJ45 ethernet with a PoE enabled network

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

Connector(s)

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

Special Notes / Requirements

Patents and Licenses	<p>The following patents are licensed for this product. This list might not be all inclusive.</p> <ul style="list-style-type: none"> • 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
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Indicators

LED Indicators	<p>10/100 Operating Mode</p> <p>Ethernet Activity/Link</p> <p>Fiber Activity/Link</p> <p>Full/Half Duplex Mode</p> <p>POE Enabled</p> <p>Power</p>
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Power

Power Source	AC Adapter Included
Input Voltage	115V AC
Output Voltage	12V DC
Output Current	0.4A
Center Tip Polarity	Positive
Plug Type	M



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	3.2 oz [90 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	9.9 oz [280 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.*

