

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

StarTech 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. [Cat5e cable](#)), 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.

## **Applications and Solutions**

- 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- 62.2/125µm, 50/125µm - 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

## Technical Specifications

- Warranty: 2 Years
- Product Height: 0.79 in [20 mm]
- Humidity: 10~90% RH
- LED Indicators: 1 - 10/100 Operating Mode
- LED Indicators: 1 - Ethernet Activity/Link
- LED Indicators: 1 - Fiber Activity/Link
- LED Indicators: 1 - Full/Half Duplex Mode
- LED Indicators: 1 - POE Enabled
- LED Indicators: 1 - Power
- Product Length: 3.74 in [95 mm]
- Maximum Data Transfer Rate: 10/100 Mbps
- Max Transfer Distance: 1.24 Miles (2 km)
- Operating Temperature: 0°C to 50°C (32°F to 122°F)
- Output Current: 400mA
- Carton Quantity: 25
- Storage Temperature: -10°C to 70°C (14°F to 158°F)
- Wave Length: 1310nm
- Shipping (Package) Weight: 0.62 lb [0.28 kg]
- Product Weight: 3.18 oz [90 g]
- Product Width: 2.95 in [75 mm]

