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

StarTech ID: MCM110SC2P

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

The 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 to 100Base-FX Multimode Fiber Ethernet Media converter features a durable design to help ensure reliability and long-lasting performance.

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 from the TX port.
- It's compact design and weight makes it portable and unobtrusive to carry
- Led Indicators
- Supports a maximum multimode fiber optic cable distance of 2km
- Auto – negotiation of 10/100 Mbps and Auto – Crossover for TX port.
- Provides switch configuration of half/full duplex transfer mode for FX port.
- Supports Q in Q double tagged frame transparent
- Forward 1600 bytes (Max.) packets
- Supports IEEE 802.1q Tag VLAN pass thru
- Support flow control (Pause) and Link Fault Pass through (LFP)
- Supports 802.3af Power over Ethernet (only FMC-10/100P)
- Fiber Support: Cable Type- 62.2/125µm, 50/125µm - 2km Range
- Can be powered over RJ45 ethernet with a PoE enabled network

Technical Specifications

Warranty	2 Years
PoE	Yes
WDM	No
Industry Standards	IEEE 802.3u 100BASE-FX
Industry Standards	IEEE 802.3u 100BASE-TX
Local Unit Connectors	1 - RJ-45 Female
Remote Unit Connectors	1 - Fiber Optic SC Female
Maximum Data Transfer Rate	10/100 Mbps
Max Transfer Distance	2 km (1.2 mi)
Fiber Type	Multi Mode
Wavelength	1310nm
Fiber Operating Mode	Half/Full-Duplex
Color	Black
Enclosure Type	Plastic
Product Length	3.7 in [95 mm]
Product Width	3 in [75 mm]
Product Height	0.8 in [20 mm]
Product Weight	3.2 oz [90 g]
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
Input Voltage	115 AC
Output Voltage	12 DC
Output Current	0.4A
Center Tip Polarity	Positive
Plug Type	M
Operating Temperature	05/16/2012eg;C to 505/16/2012eg;C (325/16/2012eg;F to 1225/16/2012eg;F)
Storage Temperature	-105/16/2012eg;C to 705/16/2012eg;C (145/16/2012eg;F to 1585/16/2012eg;F)
Humidity	10~90% RH
Shipping (Package) Weight	0.6 lb [0.3 kg]
Included in Package	1 - Media Converter

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

Certifications, Reports and Compatibility