

**10/100 Fiber to Ethernet Media Converter Multi Mode SC 2 km**  
*StarTech ID: MCM110SC2*



The MCM110SC2 10/100 Multi Mode Fiber Ethernet Media Converter SC 2 km creates an economical, cost-effective Ethernet-fiber link, transparently converting to/from 10Base-T or 100Base-Tx Ethernet signals and 100Base-Fx optical signals to extend an Ethernet network connection over an SC terminated multimode fiber backbone.

The converter supports a maximum multimode fiber optic cable distance of 2 kilometers (1.2 miles), providing a simple solution for connecting 10Base-T/100Base-Tx Ethernet networks to remote locations using SC-terminated multimode fiber, while delivering solid network performance and scalability.

This versatile GbE Ethernet to Fiber converter is compatible with most 3COM™, Cisco™, Lucent™ and Nortel™ networks and fully complies with applicable IEEE 802.3 standards.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

## **Applications and Solutions**

- Extend your Ethernet connection up to 2km away using fiber optics
- Designed for large, high speed work groups that require expansion of fast Ethernet Networks
- Connect via fiber optics two or more buildings on the same campus
- Connect remote sub-networks to larger fiber optic networks/backbones

## Features

- Supports flow control (Pause)
- Provides switch configuration of half/full duplex transfer mode for FX port
- LED Indicators for simple Ethernet/Fiber network link monitoring
- Forward 9K jumbo packets in converter mode
- Auto negotiation or Force 10/100 Mbps and MDI/MDI-X (Crossover for TX port)
- Auto detects half/full duplex transfer mode from the TX port
- Manual controls for UTP mode, speed, Full and Half Duplex, and LFP (Link Fault pass-through) on/off
- Compact design
- Simple installation
- Supports a maximum multi mode fiber optic cable distance of 2 km
- Compatible with most 3COM™, Cisco™, Lucent™ and Nortel™ networks
- Supports transparent Q-in-Q double tagged frames
- Supports Link Fault Pass through (LFP)
- Supports IEEE 802.1q Tag VLAN pass thru

## Technical Specifications

- Warranty: 2 Years
- Product Height: 0.79 in [20 mm]
- Humidity: 10–90% RH
- LED Indicators: 1 - Ethernet Link & Activity (ON - Ethernet Link OK, Blinking - Activity on Ethernet Link)
- LED Indicators: 1 - FEF [Far End Fault](On - Fault Detected, Off - No Fault)
- LED Indicators: 1 - Fiber Link & Activity (On - Fiber Link OK, Blinking - Activity on Fiber Link)
- LED Indicators: 1 - Full ( Full duplex / Half duplex)
- LED Indicators: 1 - Power
- LED Indicators: 1 - Speed (Off - 10Mbps, On - 100 Mbps)
- Product Length: 3.74 in [95 mm]
- Maximum Data Transfer Rate: 10/100Mbps
- Max Transfer Distance: 2 km
- Operating Temperature: 0°C to 50°C (32°F to 122°F)
- Output Current: 200mA
- Carton Quantity: 25
- Storage Temperature: -10°C to 70°C (14°F to 158°F)
- Wave Length: 1310nm
- Shipping (Package) Weight: 0.91 lb [0.41 kg]
- Product Weight: 3.19 oz [90.5 g]
- Product Width: 2.95 in [75 mm]

