

## 10/100 Mbps Ethernet Multi Mode Fiber Media Converter - ST

StarTech ID: ET90110ST



This Ethernet to MM Fiber Media Converter creates a 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 a multimode fiber backbone.

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

Easy to set up and install in a matter of seconds, this durable and compact fiber media converter features a heavy-duty power supply that can withstand challenging environments, and offers 6 LED indicators to make monitoring the Ethernet/fiber network link easy.

Designed to offer a durable and convenient Ethernet to fiber solution, the Ethernet to MM Fiber Media Converter features an all-steel chassis, and can be wall-mounted for out-of-the-way installations.

This versatile Ethernet to MM Fiber Media Converter offers guaranteed compatibility with 3COM™, Cisco™, Lucent™ and Nortel™ networks and fully complies with IEEE 802.3 and 802.3u standards.

### Applications and Solutions

- Connect 2 buildings that are on the same campus
- Connect remote areas of large buildings to the main network

## Features

- Automatically detects 10 or 100 Mbps network connection speed
- Complete set of 6 LED indicators continuously shows operating status
- Compliant with IEEE 802.3u standard and guaranteed compatibility with 3Com™, Cisco™, Lucent™, and Nortel™ networks
- Easy installation and setup in seconds
- Full wire speed of 148,800 packet per second throughput prevents bottlenecks
- Heavy-Duty power supply which is engineered to withstand the most challenging conditions and environments
- It's compact design and weight makes it portable and unobtrusive to carry
- Standard RJ-45 connectors for connecting to UTP media, and ST connector for connecting to fiber media
- Supports 802.3u 100Base-TX and 100Base-FX industry standards
- Supports a maximum multimode fiber optic cable distance of 2 kilometers
- Supports Half-Duplex and Full-Duplex operating modes up to 200 Mbps

## Technical Specifications

- Warranty: 1 Year warranty
- Color: Beige
- Connector Types: 1 - RJ45 Female
- Connector Types: 1 - Fiber Optic ST Female
- LED Indicators: 1 - Power
- LED Indicators: 1 - Fiber Mode
- LED Indicators: 1 - Fiber Link
- LED Indicators: 1 - Ethernet Link
- LED Indicators: 1 - LAN Mode
- Power Adapter Included: Yes
- Power Adapter - Amperage: 1
- Power Adapter - DC Voltage: DC 9
- Carton Quantity: 12
- Shipping (Package) Weight: 2.06 lb [0.93 kg]
- Weight (includes adapter): 1.95 lbs
- Dimensions(in inches): 4.8 x 3.37 x 0.78
- Operating Temperature: 0 ~ 70 degrees Celsius
- Power Adapter: 9V/1A
- Connectors:
- UTP Port: 1 x RJ-45 MDI
- Fiber Port: 1 x ST Fiber
- Fiber Duplex Mode: Full-Duplex or Half-Duplex
- Led Indicators:
  - 1 Power indicator
  - 1 Fiber mode display indicator
  - 1 Fiber link indicator
  - 2 LAN mode indicators
  - 1 Ethernet link indicator
- Wave Length: 1300nm
- Emissions: FCC Class A, CE Class A & CISPR Class A
- Humidity: 10~90% RH
- Operating Temperature: 0&deg;C to 50&deg;C (32&deg;F to 122&deg;F)
- Storage Temperature: 0&deg;C to 70&deg;C (32&deg;F to 158&deg;F)

