

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
- Product Height: 0.79 in [20 mm]
- LED Indicators: 1 - Power
- LED Indicators: 1 - Fiber Mode
- LED Indicators: 1 - Fiber Link
- LED Indicators: 1 - Ethernet Link
- LED Indicators: 1 - LAN Mode
- Product Length: 4.8 in [122 mm]
- Maximum Data Transfer Rate: 10/100 Mbps
- 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]
- Product Weight: 31.21 oz [884 g]
- Product Width: 3.39 in [86 mm]
- Fiber Duplex Mode: Full-Duplex or Half-Duplex
- Wave Length: 1300nm
- Emissions: FCC Class A, CE Class A & CISPR Class A
- Max Transfer Distance: 2 km (1.2 miles)
- Humidity: 10~90% RH
- Operating Temperature: 0°C to 50°C (32°F to 122°F)
- Storage Temperature: -10°C to 70°C (14°F to 158°F)
- MTBF: 65,000 hours

