

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

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

Features

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

Technical Specifications

Warranty	2 Years
PoE	No
WDM	No
Regulatory Approvals	FCC Class A, CE Class A & CISPR Class A
Local Unit Connectors	1 - Fiber Optic ST Female
Local Unit Connectors	1 - RJ-45 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
MTBF	65,000 Hours
Color	Beige
Product Length	4.8 in [122 mm]
Product Width	3.4 in [86 mm]
Product Height	0.8 in [20 mm]
Product Weight	31.2 oz [884 g]
LED Indicators	1 - Ethernet Link
LED Indicators	1 - Fiber Link
LED Indicators	1 - Fiber Mode
LED Indicators	1 - LAN Mode
LED Indicators	1 - Power
Power Adapter Included	Yes
Output Voltage	9 DC
Output Current	1A
Operating Temperature	05/9/2012eg;C to 505/9/2012eg;C (325/9/2012eg;F to 1225/9/2012eg;F)
Storage Temperature	-105/9/2012eg;C to 705/9/2012eg;C (145/9/2012eg;F to 1585/9/2012eg;F)
Humidity	10~90% RH
Shipping (Package) Weight	2.1 lb [0.9 kg]
Included in Package	1 - 10/100 Mbps ST Fiber Media Converter
Included in Package	2 - Mounting Brackets
Included in Package	1 - Bag, Screws
Included in Package	1 - Power Adapter
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

