

1000 Mbps Gigabit Ethernet to Multi Mode Fiber Media Converter SC

StarTech ID: ET91000SC



This Gigabit Ethernet to MM Fiber Media Converter creates a cost-effective Gigabit Ethernet-fiber link, transparently converting to/from 1000BaseT Ethernet signals and 1000BaseSX optical signals to extend an Ethernet network connection over a multimode fiber backbone.

The converter supports a maximum multimode fiber optic cable distance of 550m (0.3 miles), providing a simple solution for connecting 1000BaseT Ethernet networks to remote locations using SC-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 Gigabit Ethernet to MM Fiber Media Converter features an all-steel chassis, and can be wall-mounted for out-of-the-way installations.

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

Applications and Solutions

- Connect remote areas of large buildings to the main network
- Connecting network servers and power users to Gigabit backbone
- Connects distant network or devices up to 550m in an existing multimode network
- LAN-to-LAN connectivity between remote offices

Features

- Easy installation and setup in seconds
- Guaranteed compatibility with 3Com™, Cisco™, Lucent™, and Nortel™ networks
- It's compact design and weight makes it portable and unobtrusive to carry
- LED indicators continuously shows operating status of the converter
- Plug and Play installation allows the converters to be connected to a PC, hub or a switch using an auto-sensing MDI/MDIX port
- Standard RJ-45 connectors for connecting to UTP media, and SC connector for connecting to fiber media
- Supports a maximum multimode fiber optic cable distance of 550 meters
- Supports Half-Duplex and Full-Duplex operating modes up to 2 Gigabits/sec
- Supports IEEE 802.3ab 1000BaseT and IEEE 802.3z 1000BaseSX industry standards

Technical Specifications

- Warranty: 1 Year warranty
- Color: Beige
- Connector Types: 1 - RJ45 Female
- Connector Types: 2 - Fiber Optic SC Female
- Product Height: 0.79 in [20 mm]
- LED Indicators: 1 - Power
- LED Indicators: 1 - Fiber
- LED Indicators: 1 - UTP
- Product Length: 4.84 in [123 mm]
- Maximum Data Transfer Rate: 1000 Mbps (1 Gbps)
- Power Adapter - DC Voltage: DC 12
- Carton Quantity: 12
- Industry Standards: IEEE 802.3ab 1000BaseT, IEEE 802.3z 1000BaseSX
- Shipping (Package) Weight: 1.59 lb [0.72 kg]
- Product Weight: 24.36 oz [690 g]
- Product Width: 3.39 in [86 mm]
- Fiber Duplex Mode: Full-Duplex or Half-Duplex
- Max Transfer Distance: 550 meters (1805 feet)
- Wave Length: 850nm
- Certifications: FCC Class A & CE Mark C-Tick

- Power Adapter Included: Yes
- Output Voltage: 12 DC
- Output Current: 0.5 A
- Center Tip Polarity: Positive
- 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)

