

1000 Mbps Gigabit Ethernet Single Mode Fiber Media Converter SC 40 km

StarTech ID: ET91000SM40



This Gigabit Ethernet to SM Fiber Media Converter creates a cost-effective Gigabit Ethernet-fiber link, converting to/from 1000Base-T Ethernet signals and 1000Base-LX optical signals to extend an Ethernet network connection over multimode fiber.

The converter supports a maximum single mode fiber optic cable distance of 40km (25 miles), providing a simple solution for connecting 1000BaseT Ethernet networks to remote locations using SC terminated single mode 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 SM Fiber Media Converter features an all-steel chassis, and can be wall-mounted for out-of-the-way installations.

Applications and Solutions

- Converts 1000Base-LX fiber optic signals to 1000Base-T Ethernet over single mode cable

Features

- Advanced features: Link-loss forwarding, loop-back test, remote monitor status, two frame lengths
- Cost-effective way to extend/bridge networks using fiber cabling
- Easy to use and install
- Maximum Fiber Cable length of 40 Km
- Supports full or half-duplex operation

Technical Specifications

- Warranty: 1 Year warranty
- Color: Beige
- Connector Types: 2 - Fiber Optic SC Female
- Connector Types: 1 - RJ45 Female
- Product Height: 10.24 in [260 mm]
- Input Voltage: 115 ~ 230 AC
- Product Length: 19.29 in [490 mm]
- Maximum Data Transfer Rate: 2000 Mbps (full duplex mode)
- Output Current: 1000 mA
- Output Voltage: 12 DC
- Plug Type: M
- Power Adapter Included: Yes
- Center Tip Polarity: Positive
- Carton Quantity: 12
- Shipping (Package) Weight: 1.59 lb [0.72 kg]
- Product Weight: 24.36 oz [690 g]
- Product Width: 15.75 in [40 cm]
- Duplex Mode Support: Full or Half Duplex
- Crossover Support: Auto-detect MDI and MDIX
- Advanced Features: Link-loss forwarding, loop-back test, remote monitor status, two frame lengths
- Max Transfer Distance: 40 km
- 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)

