

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

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

Features

- Maximum Fiber Cable length of 40 Km
- Supports full or half-duplex operation
- Advanced features include 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

Technical Specifications

Warranty	2 Years
PoE	No
WDM	No
Local Unit Connectors	1 - Fiber Optic SC Female
Local Unit Connectors	1 - RJ-45 Female
Maximum Data Transfer Rate	2000 Mbps (full duplex mode)
Max Transfer Distance	40 km (24.8 mi)
Fiber Type	Single Mode
Wavelength	1310nm
Fiber Operating Mode	Half/Full-Duplex
Auto MDIX	Yes
Color	Beige
Product Length	19.3 in [490 mm]
Product Width	15.7 in [40 cm]
Product Height	10.2 in [260 mm]
Product Weight	24.4 oz [690 g]
Power Adapter Included	Yes
Input Voltage	115 ~ 230 AC
Output Voltage	12 DC
Output Current	1A
Center Tip Polarity	Positive
Plug Type	M
Operating Temperature	05/8/2012eg;C to 505/8/2012eg;C (325/8/2012eg;F to 1225/8/2012eg;F)
Storage Temperature	-105/8/2012eg;C to 705/8/2012eg;C (145/8/2012eg;F to 1585/8/2012eg;F)
Humidity	10~90% RH
Shipping (Package) Weight	1.6 lb [0.7 kg]
Included in Package	1 - Fiber Media Converter
Included in Package	2 - Mounting Brackets (w/ Screws)
Included in Package	1 - Power Adapter
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

