

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

Product ID: ET91000SM402



The ET91000SM402 1000 Mbps Gigabit Single Mode Fiber Media Converter SC (40 km) lets you extend a Gigabit Ethernet network over single mode fiber by up to 40km (25 miles).

A cost-effective solution for connecting a Gigabit Ethernet (1000Base-T) network to remote network segments over a (1000Base-LX/SX) fiber backbone, the GbE to SM fiber converter supports full Gigabit speeds for ideal network performance and scalability. Designed to offer a durable and convenient Ethernet to fiber solution, the Ethernet to SC Fiber converter features an all-steel chassis, and a simple plug-and-play installation with minimal configuration required.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Provides network connectivity to users or network segments located in isolated areas of a large complex or separate building
- Suitable for environments such as government agencies, where security threats (network tapping, etc.) need to be prevented
- Connect traffic control/monitoring systems at extreme distances to the main office
- Extend network connectivity to remote areas of stadiums, auditoriums or other venues
- Converts 1000Base-LX fiber optic signals to 1000Base-T Ethernet over single mode fiber cable

Features

- Cost-effective way to extend/bridge networks using fiber cabling
- Advanced features include Link-loss forwarding, remote monitor status, two frame lengths
- Maximum Fiber Cable length of 40 km
- Supports full or half-duplex operation
- Quick and simple installation, easy to use

Hardware

Warranty	2 Years
PoE	No
WDM	No

Performance

Maximum Data Transfer Rate	2000 Mbps (full duplex mode)
Max Transfer Distance	40 km (24.8 mi)
Type	Single Mode
Wavelength	1310nm
Fiber Operating Mode	Half/Full-Duplex
Auto MDIX	Yes
MTBF	65,000 Hours

Connector(s)

Local Unit Connectors	Fiber Optic SC Duplex RJ-45
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Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.36A
Output Voltage	12V DC



Output Current	1.6 A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	4

Environmental

Operating Temperature	0C to 60C (32F to 140F)
Storage Temperature	-10C to 70C (14F to 158F)
Humidity	10~90% RH

Physical Characteristics

Color	Black
Material	Steel
Product Length	6.3 in [16 cm]
Product Width	3.7 in [95 mm]
Product Height	0.8 in [20 mm]
Weight of Product	21.2 oz [600 g]

Packaging Information

Package Length	8.1 in [20.5 cm]
Package Width	5.5 in [14 cm]
Package Height	3.6 in [91 mm]
Shipping (Package) Weight	24.7 oz [700 g]

What's in the Box

Included in Package	Fiber Media Converter
	Universal Power Adapter (NA/EU/UK/AU)
	Grounding Screw



Instruction Manual

****Product appearance and specifications are subject to change without notice.***

