

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

**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	1 - Fiber Optic SC Duplex
	1 - RJ-45

### Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC

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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

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#### **Environmental**

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

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#### **Physical Characteristics**

Color	Black
Material	Steel
Product Length	6.3 in [16 cm]
Product Width	3.7 in [9.5 cm]
Product Height	0.8 in [2 cm]
Weight of Product	21.2 oz [600 g]

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#### **Packaging Information**

Package Quantity	1
Package Length	8.1 in [20.6 cm]
Package Width	5.4 in [13.7 cm]
Package Height	3.5 in [9.0 cm]
Shipping (Package) Weight	1.7 lb [0.8 kg]

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#### **What's in the Box**

Included in Package	1 - Fiber Media Converter
	1 - Universal Power Adapter (NA/EU/UK/AU)
	1 - Grounding Screw
	1 - Instruction Manual

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**Warranty  
Information**

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Warranty	2 Years
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*\*Product appearance and specifications are subject to change without notice.*

