

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.

For added versatility, this fiber media converter supports standalone operation, or installation into the 20 Slot, 2U Rackmount Chassis (ETCHS2U).

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

Certifications, Reports and Compatibility

Applications

- Converts 1000Base-LX fiber optic signals to 1000Base-T Ethernet over single mode fiber cable
- Provides network connectivity to users or network segments located in isolated areas of a large complex or separate building
- Extend network connectivity to remote areas of stadiums, auditoriums or other venues
- 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

Features

- Advanced features include Link-loss forwarding, remote monitor status, two frame lengths
- Cost-effective way to extend/bridge networks using fiber cabling
- Quick and simple installation, easy to use
- Maximum Fiber Cable length of 40 km
- Supports full or half-duplex operation
- Supports standalone operation, or installation into the ETCHS2U Rackmount Chassis

Hardware

Warranty	2 Years
PoE	No
WDM	No

Performance

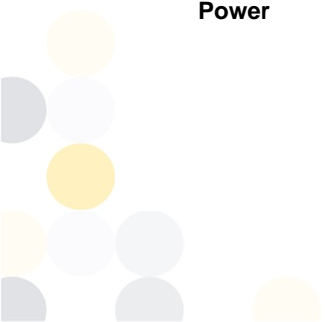
Maximum Data Transfer Rate	2000 Mbps (full duplex mode)
Max Transfer Distance	40 km (24.8 mi)
Type	Single Mode
Wavelength	1310nm
Fiber Operating Mode	Half/Full-Duplex
Auto MDIX	Yes
MTBF	65,000 Hours

Connector(s)

Local Unit Connectors	RJ-45 Fiber Optic SC Duplex
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Power

Power Source	AC Adapter Included
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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)
	Instruction Manual
	Grounding Screw

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

