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

- 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

- Supports standalone operation, or installation into the ETCHS2U Rackmount Chassis
- 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	Auto MDIX	Yes
	Fiber Operating Mode	Half/Full-Duplex
	Max Transfer Distance	40 km (24.8 mi)
	Maximum Data Transfer Rate	2000 Mbps (full duplex mode)
	MTBF	65,000 Hours
	Type	Single Mode
	Wavelength	1310nm
Connector(s)	Local Unit Connectors	1 - Fiber Optic SC Duplex Female
		1 - RJ-45 Female
Power	Center Tip Polarity	Positive
	Input Current	0.36A
	Input Voltage	100 - 240 AC
	Output Current	1.6 A
	Output Voltage	12 DC
	Plug Type	M
	Power Consumption (In Watts)	4
	Power Source	AC Adapter Included
Environmental	Humidity	10~90% RH
	Operating Temperature	0°C to 60°C (32°F to 140°F)
	Storage Temperature	-10°C to 70°C (14°F to 158°F)
Physical Characteristics	Color	Black
	Enclosure Type	Steel
	Product Height	0.8 in [2 cm]
	Product Length	6.3 in [16 cm]
	Product Width	3.7 in [95 mm]
	Weight of Product	21.2 oz [600 g]
Packaging Information	Package Height	3.6 in [91 mm]

	Package Length	8.1 in [20.5 cm]
	Package Width	5.5 in [14 cm]
	Shipping (Package) Weight	1.5 lb [0.7 kg]
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

Product appearance and specifications are subject to change without notice.