

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

Product 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.

Certifications, Reports and Compatibility

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

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

Connector(s)

Local Unit Connectors	Fiber Optic SC Duplex RJ-45
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Power

Power Source	AC Adapter Included
Input Voltage	115V-230V AC
Output Voltage	12V DC
Output Current	1A
Center Tip Polarity	Positive
Plug Type	M

Environmental

Operating Temperature	0C to 50C (32F to 122F)
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Storage Temperature	-10C to 70C (14F to 158F)
Humidity	10~90% RH

Physical Characteristics

Color	Beige
Product Length	19.3 in [49 cm]
Product Width	15.7 in [40 cm]
Product Height	10.2 in [26 cm]
Weight of Product	24.4 oz [690 g]

Packaging Information

Package Length	9.3 in [23.6 cm]
Package Width	7.5 in [19.1 cm]
Package Height	3.0 in [77 mm]
Shipping (Package) Weight	25.4 oz [720 g]

What's in the Box

Included in Package	Fiber Media Converter
	Mounting Brackets (w/ Screws)
	Power Adapter
	Instruction Manual

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

