

1000 Mbps Gigabit Single Mode Fiber Media Converter LC 40 km

Product ID: ET1000S40LC2



The ET1000S40LC2 1000 Mbps Gigabit Single-Mode Fiber Media Converter (LC, 40 km) enables you to extend a Gigabit Ethernet network over single-mode fiber, at distances 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 LC 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 connectivity to a user or network segment that is in an isolated area of a large complex or in another building altogether
- Perfect for secure connections required by government agencies where EMI is not acceptable
- 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
- 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
- Easy installation

Hardware	Warranty	2 Years
	Industry Standards	IEEE802.3ab (1000BASE-T) IEEE802.3z (1000BASE-SX/LX)
	PoE	No
	WDM	No
Performance	Auto MDIX	Yes
	Fiber Operating Mode	Half/Full-Duplex
	Jumbo Frame Support	9K max.
	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 LC 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	12V 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
	Product Height	0.9 in [2.4 cm]
	Product Length	6.1 in [15.5 cm]
	Product Width	3.4 in [87 mm]
	Weight of Product	14.4 oz [407 g]

Packaging Information	Package Height	3.5 in [89 mm]
	Package Length	5.4 in [13.8 cm]
	Package Width	8.1 in [20.5 cm]
	Shipping (Package) Weight	26.6 oz [754 g]
What's in the Box	Included in Package	1 - Fiber Media Converter
		1 - Universal power adapter: comes ready for NA/EU/UK only when you buy in NA/EU/UK; comes ready for Australia and New Zealand only when you buy in Australia and New Zealand
		1 - Grounding Screw
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.