1000 Mbps Gigabit Single Mode Fiber Media Converter LC 40 km - TAA

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.

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

• 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

General		
	UPC	065030846066
	Package Quantity	1
	Warranty	2 Years
Power		
	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	0.36A
	Output Voltage	12V DC
	Output Current	1.6
	Center Tip Polarity	Positive
	Plug Type	M
	Power Consumption	4
Physical & Environmental		
	Color	Black
	Material	Steel
	Product Length	6.1 in [15.5 cm]
	Product Width	3.4 in [87 mm]
	Product Height	0.9 in [24 mm]

	Weight of Product	14.4 oz [407 g]
	Operating Temperature	0C to 60C (32F to 140F)
	Storage Temperature	-10C to 70C (14F to 158F)
	Humidity	10~90% RH
Performance		
	Maximum Data Transfer Rate	2000 Mbps (full duplex mode)
	Max Transfer Distance	40 km (24.8 mi)
	Fiber Type	Single Mode
	Wavelength	1310nm
	Fiber Operating Mode	Half/Full-Duplex
	Auto MDIX	Yes
	Jumbo Frame Support	9K max.
	MTBF	65,000 Hours
Hardware		
	PoE	No
	Wave Division Multiplexing (WDM)	No
	Industry Standards	IEEE802.3ab (1000BASE-T)
		IEEE802.3z (1000BASE-SX/LX)
Packaging & 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
	Package Width	5.4 in [13.7 cm]

	Package Depth	8.1 in [20.6 cm]
	Package Height	3.6 in [91 mm]
	Shipping (Package) Weight	27.3 oz [772 g]

Connector(s)		
	Host Connector 1 (Quantity)	1
	Host Connector 1	RJ-45
	Host Connector 2 (Quantity)	1
	Host Connector 2	LC Duplex Fiber

Product appearance and specifications are subject to change without notice.