1000 Mbps Gigabit Ethernet to Multi Mode Fiber Media Converter SC

Product ID: ET91000SC

This Gigabit Ethernet to MM Fiber Media Converter creates a cost-effective Gigabit Ethernet-fiber link, transparently converting to/from 1000BaseT Ethernet signals and 1000BaseSX optical signals to extend an Ethernet network connection over a multimode fiber backbone.

The converter supports a maximum multimode fiber optic cable distance of 550m (0.3 miles), providing a simple solution for connecting 1000BaseT Ethernet networks to remote locations using SC-terminated multimode 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 MM Fiber Media Converter features an all-steel chassis, and can be wall-mounted for out-of-the-way installations.

This versatile GbE Ethernet to MM Fiber Media Converter offers guaranteed compatibility with 3COM, Cisco, Lucent and Nortel networks and complies with applicable IEEE 802.3 standards.

Certifications, Reports and Compatibility

Applications

• Connect remote areas of large buildings to the main network

• LAN-to-LAN connectivity between remote offices

• Connecting network servers and power users to Gigabit backbone

• Connects distant network or devices up to 550m in an existing multimode network

Features

• Easy installation and setup in seconds

• Guaranteed compatibility with 3Com, Cisco, Lucent, and Nortel networks

• Supports IEEE 802.3ab 1000BaseT and IEEE 802.3z 1000BaseSX industry standards

• Standard RJ-45 connectors for connecting to UTP media, and SC connector for connecting to fiber media

• Supports Half-Duplex and Full-Duplex operating modes up to 2 Gigabits/sec

• LED indicators continuously shows operating status of the converter

• It's compact design and weight makes it portable and unobtrusive to carry

• Supports a maximum multimode fiber optic cable distance of 550 meters

• Plug and Play installation allows the converters to be connected to a PC, hub or a switch using an auto-sensing MDI/MDIX port

Hardware

	Warranty	2 Years
	PoE	No
	WDM	No
	Regulatory Approvals	FCC Class A & CE Mark C-Tick
	Industry Standards	IEEE 802.3ab 1000BaseT, IEEE 802.3z 1000BaseSX

Performance

	Maximum Data Transfer Rate	1000Mbps (1Gbps)
	Max Transfer Distance	550m [1804ft]
	Type	Multi Mode
	Wavelength	850nm
	Fiber Operating Mode	Half/Full-Duplex

Connector(s)

	Local Unit Connectors	1 - Fiber Optic SC Duplex
		1 - RJ-45

Indicators

	LED Indicators	1 - Power
		1 - Fiber
		1 - UTP

Power

	Power Source	AC Adapter Included
	Output Voltage	12V DC
	Output Current	0.5A
	Center Tip Polarity	Positive

Environmental

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

Physical Characteristics

	Color	Beige
	Product Length	4.8 in [12.3 cm]
	Product Width	3.4 in [8.6 cm]
	Product Height	0.8 in [2 cm]
	Weight of Product	24.4 oz [690 g]

Packaging Information

	Package Length	9.1 in [23 cm]
	Package Width	2.9 in [73 mm]

	Package Height	7.8 in [19.9 cm]
	Shipping (Package) Weight	1.6 lb [0.7 kg]

What's in the Box

	Included in Package	1 - Fiber Media Converter
		2 - Mounting Brackets (w/ Screws)
		1 - Power Adapter
		1 - Power Adapter
		1 - Instruction Sheet

Warranty Information

	Warranty	2 Years

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