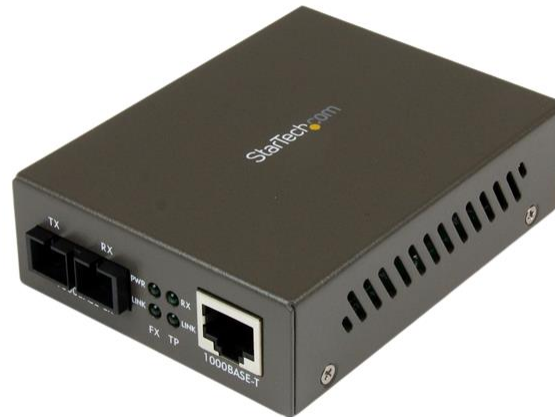


1000 Mbps Gigabit Multi Mode Fiber Ethernet Media Converter SC 550m

Product ID: MCMGBSC055



The MCMGBSC055 1000 Mbps Gigabit Multi Mode Fiber Ethernet Media Converter SC - 550m converts transparently to/from 1000Base-T Ethernet signals and 1000Base-SX optical signals, providing a cost-effective Ethernet-fiber/copper-fiber link, in order to extend an Ethernet network connection over a Multimode fiber backbone.

Supporting a maximum Multimode fiber optic cable distance of 550 meters (0.34 miles), this Fiber Media Converter delivers a simple solution for connecting Gigabit Ethernet networks to remote locations using SC-terminated MM fiber, while ensuring solid network performance and scalability.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility



Applications

- Extending an Ethernet connection by up to 550m (0.34 miles) using a fiber backbone
- Creates an economical Ethernet-fiber/copper-fiber link for connecting remote sub-networks to larger fiber optic networks/backbones
- Converts Ethernet to fiber, fiber to copper/Ethernet, ensuring optimum network scalability for connecting two or more Ethernet network nodes (e.g. connecting two buildings on the same campus)
- Designed to provide high-speed bandwidth for demanding large scale work groups that require expansion of Gigabit Ethernet Network

Features

- 850nm Wavelength

- Auto detects half/full duplex transfer mode from the TX port
- Auto negotiation MDI/MDI-X (Crossover for TX port)
- Compact design
- LED Indicators for simple Ethernet/Fiber network link monitoring
- Supports forced full duplex or auto-negotiation modes on the fiber link
- Simple installation
- Supports a maximum multimode fiber optic cable distance of 550m
- Supports IEEE 802.1q Tag VLAN pass through
- Supports 802.3ab 1000Base-TX, and 1000Base-FX industry standards
- Supports transparent Q-in-Q double tagged frames

Hardware	Warranty	2 Years
	PoE	No
	WDM	No
	Industry Standards	IEEE 802.3z 1000BASE-SX
Performance	Maximum Data Transfer Rate	1000 Mbps (1 Gbps)
	Max Transfer Distance	550 m (1804 ft)
	Type	Multi Mode
	Wavelength	850nm
	Fiber Operating Mode	Half/Full-Duplex
Connector(s)	Local Unit Connectors	RJ-45
	Remote Unit Connectors	Fiber Optic SC Duplex
Indicators	LED Indicators	Power Indicator
	LED Indicators	FX Link: On - Valid Fiber Link
	LED Indicators	TP Link: On - Valid Ethernet Link
	LED Indicators	TP RX: On - Receiving Data on the Ethernet Link
Power	Power Source	AC Adapter Included
	Input Voltage	115V AC
	Output Voltage	9V DC
	Output Current	0.6 A
	Center Tip Polarity	Positive
	Plug Type	M
	Power Consumption (In Watts)	5.4

Environmental	Operating Temperature	0C to 40C (32°F to 104F)
	Storage Temperature	-10C to 70C (14°F to 158F)
	Humidity	90% RH
Physical Characteristics	Color	Black
	Product Length	3.9 in [99 mm]
	Product Width	2.9 in [73 mm]
	Product Height	1.1 in [27 mm]
	Weight of Product	8.3 oz [234 g]
Packaging Information	Package Length	8.0 in [2.0 cm]
	Package Width	6.5 in [1.7 cm]
	Package Height	2.5 in [64 mm]
	Shipping (Package) Weight	15.4 oz [436 g]
What's in the Box	Included in Package	Media Converter
	Included in Package	Power Adapter
	Included in Package	User's Manual

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

