

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

Product ID: MCMGBSC055EU



The MCMGBSC055EU 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

- 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
- Extending an Ethernet connection by up to 550m (0.34 miles) using a fiber backbone

Features

- LED Indicators for simple Ethernet/Fiber network link monitoring
- 850nm Wavelength
- Compact design
- Supports forced full duplex or auto-negotiation modes on the fiber link
- Simple installation with little to no configuration necessary
- Supports a maximum Multimode fiber optic cable distance of 550m
- Supports 802.3ab 1000Base-TX, and 1000Base-LH industry standards
- Supports IEEE 802.1q Tag VLAN pass through
- Supports transparent Q-in-Q double tagged frames
- Auto detects half/full duplex transfer mode from the TX port
- Auto negotiation MDI/MDI-X (Crossover for TX port)

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

Indicators

LED Indicators	1 - FX Link: On - Valid Fiber Link
	1 - TP Link: On - Valid Ethernet Link
	1 - TP RX: On - Receiving Data on the Ethernet Link
	1 - Power Indicator

Power

Power Source	AC Adapter Included
Input Voltage	230 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 [2.7 cm]
Weight of Product	15.9 oz [450 g]

Packaging Information

Package Quantity	1
Package Length	8.1 in [20.5 cm]
Package Width	6.5 in [16.5 cm]
Package Height	2.7 in [68 mm]
Shipping (Package) Weight	1.0 lb [0.4 kg]

What's in the Box

Included in Package	1 - Media Converter
	1 - Power Adapter
	1 - User's Manual

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