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

StarTech 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.

Applications and Solutions

- 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

Technical Specifications

- Warranty: 2 Years
- Product Height: 1.06 in [27 mm]
- Humidity: 90% RH
- LED Indicators: 1 - Power Indicator
- LED Indicators: 1 - FX Link: On - Valid Fiber Link
- LED Indicators: 1 - TP Link: On - Valid Ethernet Link
- LED Indicators: 1 - TP RX: On - Receiving Data on the Ethernet Link
- Product Length: 3.9 in [99 mm]
- Maximum Data Transfer Rate: 1000 Mbps (1 Gbps)
- Max Transfer Distance: 550m
- Operating Temperature: 0°C to 40°C (32&degF to 104°F)
- Output Current: 800mA
- Carton Quantity: 30
- Storage Temperature: -10°C to 70°C (14&degF to 158°F)
- Wave Length: 850nm
- Shipping (Package) Weight: 0.99 lb [0.45 kg]
- Product Weight: 15.88 oz [450 g]
- Product Width: 2.87 in [73 mm]

RoHS Compliant Available