## Gigabit Ethernet to SC Fiber Media Converter - 1000Base-SX - Multimode - 550 m

MCMGBSCMM055

FR: Guide de l'utilisateur - fr.startech.com
DE: Bedienungsanleitung - de.startech.com
ES: Guía del usuario - es.startech.com
NL: Gebruiksaanwijzing - nl.startech.com
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IT: Guida per l'uso - it.startech.com

## Package contents

- 1 x media converter
- 1 x universal power adapter (NA/JP, UK, EU, ANZ)
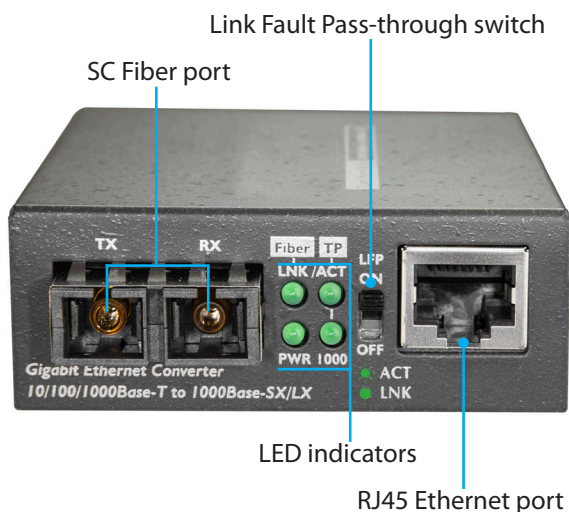- 1 x quick-start guide

## Requirements

- Ethernet network (10/100/1000)
- Gigabit (1000Mbps) Fiber network

Requirements are subject to change. For the latest requirements, please visit www.StarTech.com/MCMGBSCMM055.

## Product diagram

**Right view**



- Link Fault Pass-through switch
- SC Fiber port
- LED indicators
- RJ45 Ethernet port

**Left view**



Power adapter port

## LED indicators

| LED | Status | Description |
|---|---|---|
| PWR | Illuminated green | Power is being received |
| | Not illuminated | Power is not being received |
| Fiber LNK/ACT | Illuminated green | Link to Fiber port detected |
| | Not illuminated | No link to Fiber port detected |
| | Blinking green | Data is being received or sent through the Fiber port |
| TP LNK/ACT | Illuminated green | Link to Ethernet port detected |
| | Not illuminated | No link to Ethernet port detected |
| | Blinking green | Data is being received or sent through the Ethernet port |
| TP 1000 | Illuminated green | Port is transmitting data at 1000Mbps |
| | Not illuminated | Port is transmitting data at 10/100Mbps |

*actual product may vary from photos

For the latest information, technical specifications, and support for this product, please visit www.StarTech.com/MCMGBSCMM055.

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# About Link Fault Pass-through

The MCMGBSCMM055 includes the LFP (Link Fault Pass-through) function. This means that when a device (for example, an Ethernet switch or router) is connected to the media converter and a link fault occurs on the local side of the connection, the media converter disconnects the link on the remote side of the connection. As a result, the LFP function can immediately alert network administrators to link errors, which can help to minimize the impact and duration of link errors. The LFP function includes the Link Loss Cary Forward (LLCF) and Link Loss Return (LLR) functions.

By default, the LFP function is enabled on the MCMGBSCMMO55.

## Turn off the LFP function

1. To disable the LFP function, disconnect the universal power adapter from the power adapter port on the media converter.
2. Move the Link Fault Pass-through switch to the OFF position.
3. Reconnect the universal power adapter to the power adapter port on the media converter.

## About triple speed support

The RJ45 port on the MCMGBSCMM055 supports triple speed (10/100/1000 BASE-T) auto negotiation. The media converter automatically detects the link speed of the connected device and defaults to that link speed.

## Install the media converter

1. Turn off the device that you want to connect to the media converter.
2. Connect a Fiber cable to the device that you're connecting and to the SC Fiber port on the media converter. Make sure that you reverse the TX and RX leads between the device and the media converter.
3. Connect an Ethernet cable to the device that you're connecting and to the RJ45 Ethernet port on the media converter.
4. Connect the universal power adapter to the power adapter port on the media converter and an available AC power outlet. Verify that the PWR LED on the media converter illuminates.
5. Turn on the power on the connected device. Verify that the FX and TP link LEDs illuminate.