# MCMGBSC15/MCMGBSC15GB/ MCMGBSC15EU

## Gigabit Ethernet Single-Mode Fiber Media Converter - SC 15 km

# Installation Guide

## Packaging Contents

- 1 x MCMGBSC15 / GB / EU media converter
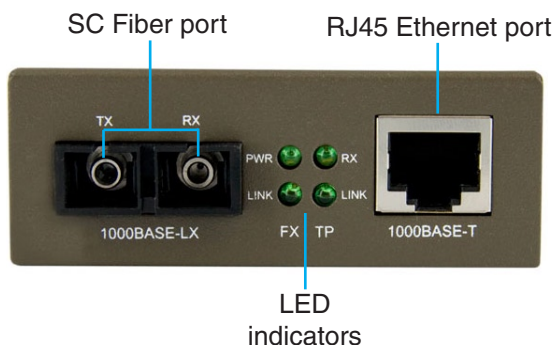- 1 x Power Adapter
- 1 x Installation Guide

## System Requirements

- Gigabit (1000Mb/s) Ethernet network
- Gigabit (1000Mb/s) Fiber network

## LED Indicators

| LED | | Status | Description |
|-----|-----|--------|-------------|
| PWR | | ON | Power On |
| | | OFF | Power Off |
| FX | LINK | ON | Fiber Link Detected |
| | | OFF | No Fiber Link Detected |
| TP | LINK | ON | Ethernet Link Detected |
| | | OFF | No Ethernet Link Detected |
| | RX | ON | Unit is receiving data from Ethernet port |
| | | OFF | No incoming data from Ethernet port |

## Installation

1. Connect the Ethernet cable to the Fiber Media Converter RJ45 Ethernet port.
2. Connect the other end of the Ethernet cable to the router/switch/computer NIC.
3. Connect the fiber cable into the fiber receptacle on the media converter.
4. Plug the provided power adapter into the media converter, and into an available AC power outlet.
5. Connect the other end of the fiber cable into the router/switch/computer NIC/another media converter. Remember to reverse the TX and RX leads between the two devices.

**NOTE:** Normally the Mode switch should be set for AUTO, but if connecting to another media converter, FORCE may need to be set.

## Specifications

| | |
|---|---|
| **Connectors** | 1 x RJ45 Ethernet<br>2 x SC Fiber<br>1 x Power connector |
| **LEDs** | Power, Fiber Link, Fiber Receive, Ethernet Link |
| **Fiber Type** | Single Mode 9/125 micron |
| **Maximum Distance** | 15km |
| **Transmission Standards** | IEEE802.3ab, 802.3z, 802.3x |
| **Duplex Mode** | Full/Half (Auto-Detect) |
| **Dimensions** | 99.0mm x 73.0mm x 27.0mm |
| **Weight** | 450g |

## Front View



SC Fiber port

RJ45 Ethernet port

LED indicators

## Rear View



DC power port

Mode switch

**Warranty Information**

This product is backed by a one year warranty.
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