Instruction Manual

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Gigabit Single to Multi Mode Fiber Media Converter SC 10 km

ET91000MMSM

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

Packaging Contents

• 1x Gigabit SM to MM Fiber Converter SC
• 2x Mounting Brackets (w/ Screws)
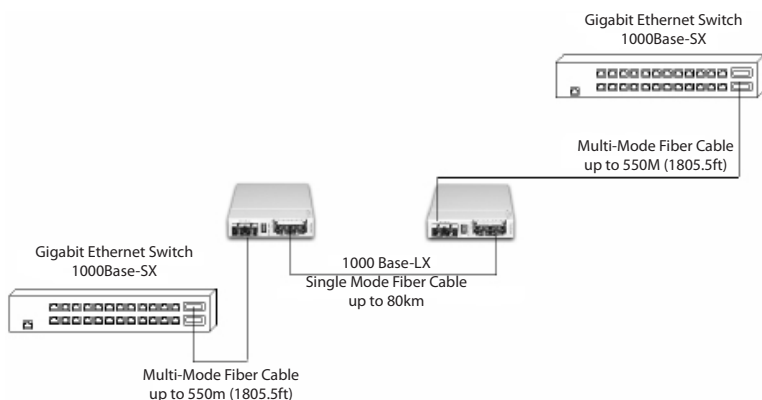• 1x Power Adapter
• 1x Instruction Manual

*actual product may vary from photos

System Requirements

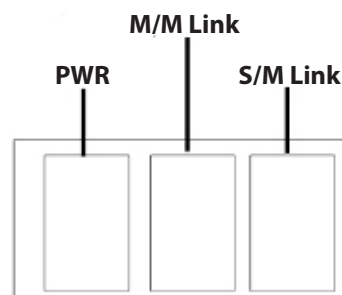• All necessary cables (UTP and Fiber)
• Power source

Installation

1. Connect the 12V power adapter to the port labelled DC IN on the media converter. Connect the opposite end of the adapter to an available power outlet.
2. Connect the fiber interface cable to the media converter, as illustrated in the following example:

Gigabit Ethernet Switch
1000Base-SX

Multi-Mode Fiber Cable
up to 550M (1805.5ft)

Gigabit Ethernet Switch
1000Base-SX

1000 Base-LX
Single Mode Fiber Cable
up to 80km

Multi-Mode Fiber Cable
up to 550m (1805.5ft)

LED Indicators

The media converter uses 3 LED indicators that display the status of single mode and multimode connections, as well as the power status of the converter. The following table illustrates what each indicator means:

PWR   M/M Link   S/M Link

LED	Function	State	Status
PWR	Power Indicator	On	Converter has power
		Off	Converter has no power
M/M Link (Multimode Link)	Mode Display	On	The Multimode link is okay
		Off	No link or the link is faulty
S/M Link (Single Mode Link)	Mode Display	On	The Single-mode mode is link is okay
		Off	No link or the link is faulty

Specifications

Cable Length	10 Km Maximum
Dimensions (LxWxH)	122mm x 85mm x 20mm (4.8 x 3.3 x 0.8 in)
Weight	0.75lbs (340g)
Wavelength	Single-mode: 1310/1550nm Multi-mode: 850nm
Sensitivity	-19dB
Output Power	-9.5dB
Supported Cable Types	9/123µm Multi-mode
Data Transfer Rate (Maximum)	1000 Mbits/sec. (Gigabit)
Certifications (Regulatory and Other)	FCC, CE, (Class A)
Power Adapter	DC 12V, 1A, center pos.

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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For the latest drivers/software, please visit www.startech.com/downloads

Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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