Enlarge Your Ethernet Network

Gigabit Ethernet Media Converter

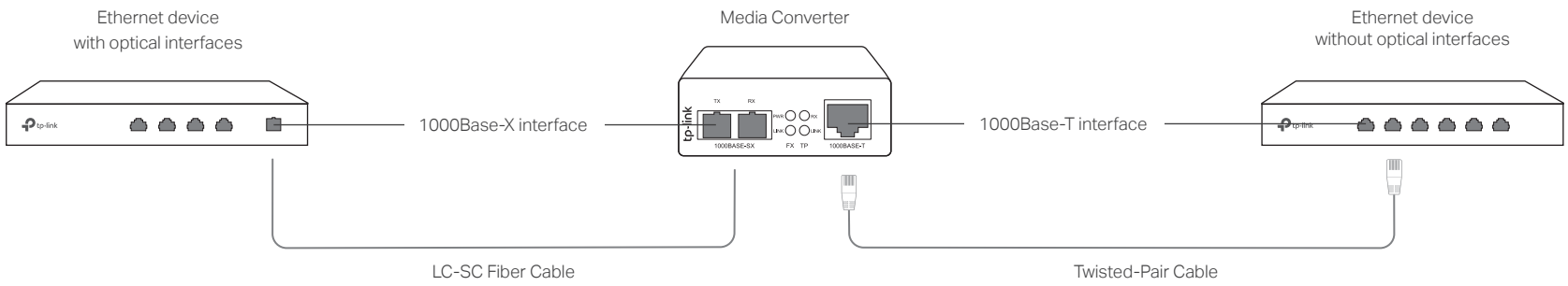
MC200CM/ MC210CS/ MC220L

For more information, please visit our website:
http://www.tp-link.com

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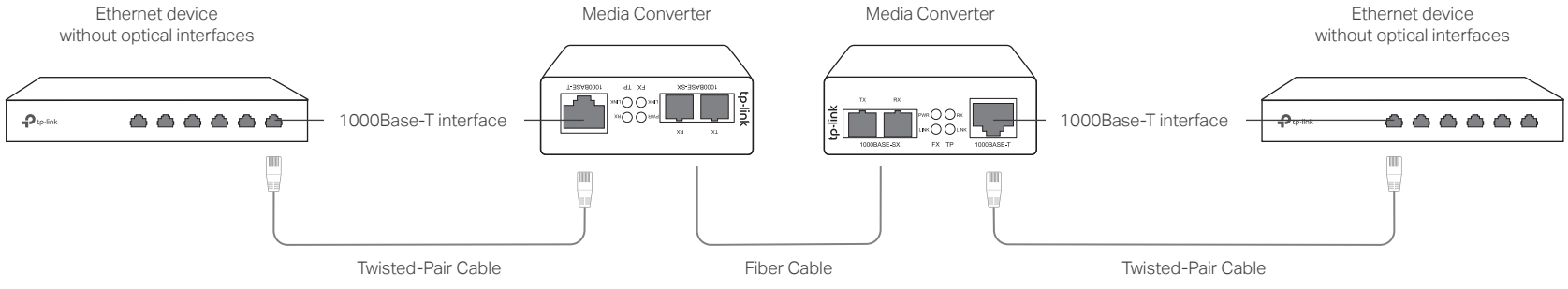
Package Contents: Media Converter, Power Adapter, User Guide

Scenario 1: Connect Devices with and without Optical Interfaces



Note: MC220L need to be plugged in with an SFP module to work normally. It is recommended to use a TP-Link SFP module on MC220L, because other vendors' SFP modules may be incompatible.

Scenario 2: Connect Devices without Optical Interfaces



Note:

1. Either two MC200CMs or two MC210CSs can work cooperatively. Two MC220Ls with the same SFP module can work cooperatively.
2. The MC220L can also cooperate with an MC200CM or an MC210CS, however, the mode and wavelength of the SFP module used in MC220L must be the same as the opposite end.
3. Connect the TX port of one converter to the RX port of the other using a fiber cable.

Switch



FORCE: Set the FX port to operate in FORCE mode.
AUTO: Set the FX port to operate in AUTO mode.

Note:

1. When using two converters at the same time, at least one converter should be set to FORCE mode. When connected to other products, such as a switch, the converter must be set to AUTO mode. We suggest leaving the switch of the converter on AUTO mode.
2. Reboot the converter after configuring the switch.

LED Explanation

PWR

On: Power on.
Off: Power off.

Link

FX

On: There is a valid link for FX Port.
Off: There is no valid link for FX Port.

RX

On: The converter is receiving data from TP port.
Off: The converter is not receiving data from TP port.

Link

TP

On: There is a valid link for TP Port.
Off: There is no valid link for TP Port.

Specifications

General Specifications

Standards	IEEE 802.3ab, IEEE802.3z, IEEE802.3x
LED	PWR, Link, RX
Interface	For MC200CM/MC210CS: SC fiber connector, RJ-45 jack For MC220L: LC SFP port, RJ-45 jack
Twisted-Pair	1000Base-T: 4-pair UTP/STP of Cat. 5e or above(≤100m)
Fiber	For MC200CM: 62.5/125μm multi-mode (≤220m); 50/125μm multi-mode (≤550m) For MC210CS: 9/125μm single-mode fiber (≤15km) For MC220L: depends on the used SFP module
Wave Length	For MC200CM: 850nm For MC210CS: 1310nm For MC220L: depends on the used SFP module
Power	External Power Adapter: 9V/0.6A

Environmental and Physical Specifications

Operation Temperature	0˚C to 40˚C (32˚F to 104˚F)
Storage Temperature	-40˚C to 70˚C (-40˚F to 158˚F)
Operation Humidity	10% to 90%RH non-condensing
Storage Humidity	5% to 90%RH non-condensing

FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) This device may not cause harmful interference.

2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

CE Mark Warning

This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

SAFETY NOTICES

⚠ Cautions

Do not use this product near water, for example, in a wet basement or near a swimming pool.
Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.
Do not point or stare directly into the beam or into the optical port of the transceiver when it is operating, as this can injure your eyesight.

Продукт сертифіковано згідно с правилами системи УкрСЕПРО на відповідність вимогам нормативних документів та вимогам, що передбачені чинними законодавчими актами України.

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