

Enlarge Your Ethernet Network

Gigabit Ethernet Media Converter

MC200CM/ MC210CS/ MC220L



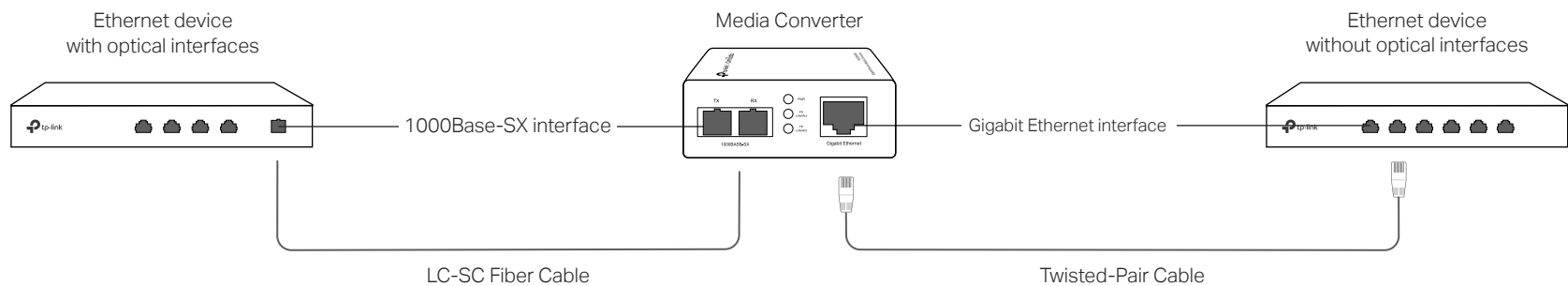
For technical support and other information, please visit <http://www.tp-link.com/support>, or simply scan the QR code.

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Package Contents: Media Converter, Power Adapter, User Guide

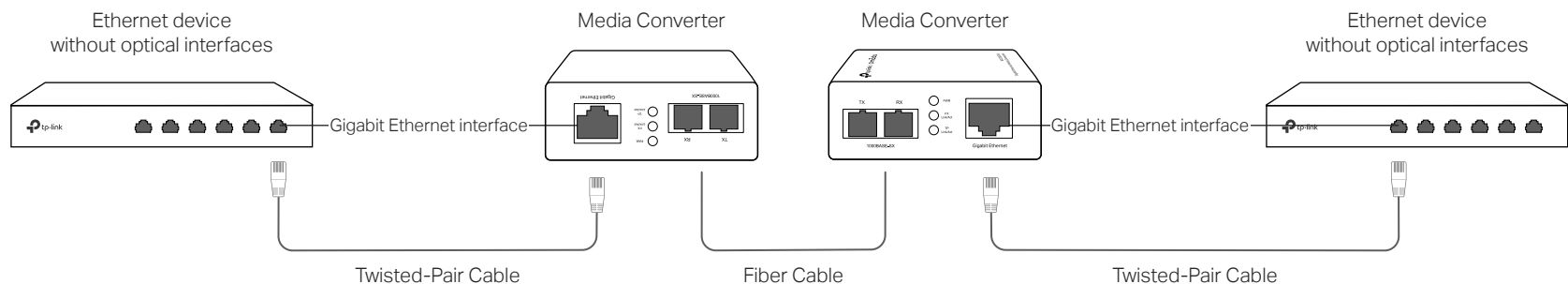
Note: MC200CM is used as an example throughout this guide. Other models may differ in appearance.

Scenario 1: Connect Devices with and without Optical Interfaces



Note: MC220L needs 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 MC200CM converters or two MC210CS converters can work cooperatively. Two MC220L converters with the same SFP module can work cooperatively.
 2. One MC220L can also cooperate with one MC200CM or one 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.

LED Explanation

PWR

On:

Power on.

Off:

Power off.

Link/Act

FX

On:

There is a valid link for FX Port.

Off:

There is no valid link for FX Port.

Flashing:

FX Port is transmitting or receiving data.

Link/Act

TP

On:

There is a valid link for TP Port.

Off:

There is no valid link for TP Port.

Flashing:

TP Port is transmitting or receiving data.

Specifications

General Specifications	
Standards	IEEE 802.3, IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z
LED	PWR, FX Link/Act, TP Link/Act
Interface	For MC200CM/MC210CS: SC fiber connector, RJ-45 jack For MC220L: SFP port, RJ-45 jack
Twisted-Pair	10Base-T: 2-pair UTP/STP of Cat. 3 or above (≤100m) 100Base-TX: 2-pair UTP/STP of Cat. 5 or above (≤100m) 1000Base-T: 4-pair UTP/STP of Cat. 5e or above (≤100m)
Fiber	For MC200CM: 62.5/125μm multi-mode fiber (≤220m); 50/125μm multi-mode fiber (≤550m) For MC210CS: 9/125μm single-mode fiber (≤20km) 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

Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- Adapter shall be installed near the equipment and shall be easily accessible.
- 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.



EU declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2011/65/EU and (EU)2015/863.
The original EU declaration of conformity may be found at <https://www.tp-link.com/en/support/ce/>

UK declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Electromagnetic Compatibility Regulations 2016 and Electrical Equipment (Safety) Regulations 2016.
The original UK declaration of conformity may be found at <https://www.tp-link.com/support/ukca/>