



# Enlarge Your Ethernet Network

WDM Fast Ethernet Media Converter

MC111CS/MC112CS

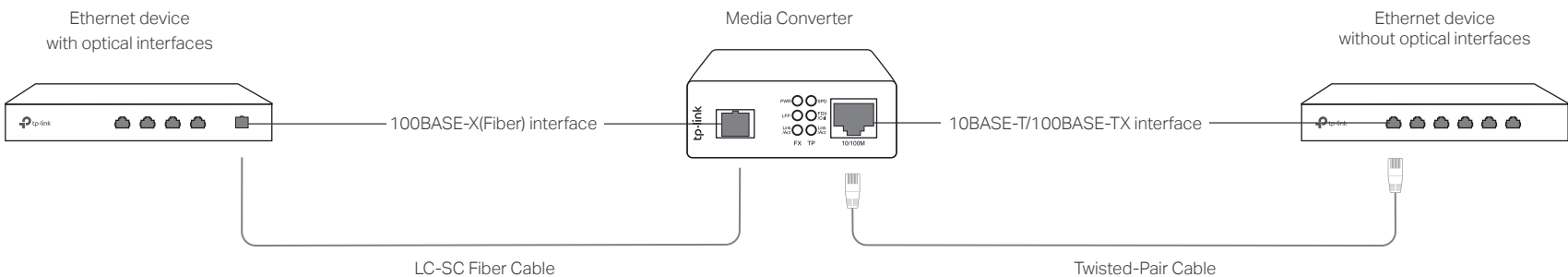


For more information, please visit our website:  
<http://www.tp-link.com>

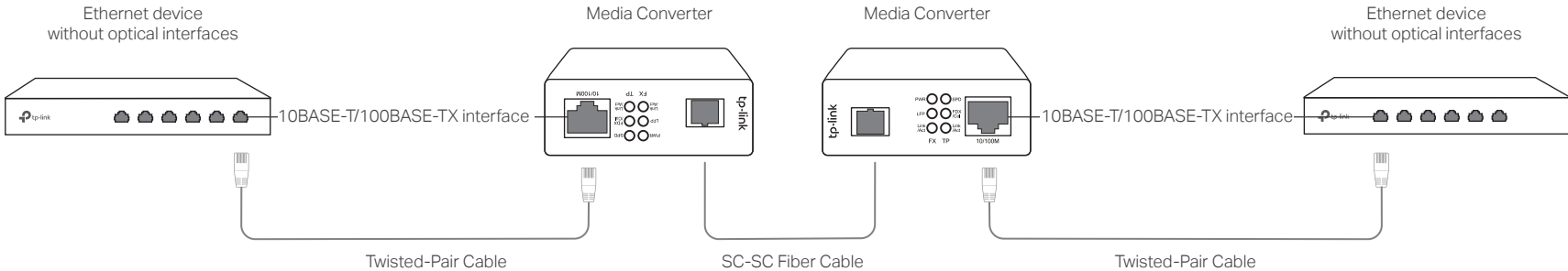
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Package Contents: Converter, Power Adapter, User Guide, Purchasing Guide

## Scenario 1: Connect Devices with and without Optical Interfaces

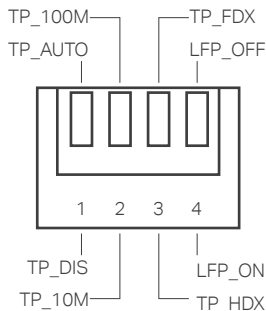


## Scenario 2: Connect Devices without Optical Interfaces



- Note:
- 1. Please use one MC111CS and one MC112CS to work properly.
  - 2. With the LFP (Link Fault Pass Through) function enabled, when one side of the link fails, the media converter will disconnect the transmit link of the other side, thus minimizing the loss caused by link failure.

## DIP Switches



- TP\_AUTO/TP\_DIS: Set the TP port speed to Auto-Negotiation/FORCE.  
TP\_100M/TP\_10M: Set the TP port's speed.  
LFP\_ON/LFP\_OFF: Enable or disable the LFP function.  
TP\_FDX/TP\_HDX: Set the duplex mode for the TP port as Full-Duplex/Half-Duplex.

You can set the speed and duplex via different switch combinations as shown below.

| Switch Combination                   | Speed and Duplex            |
|--------------------------------------|-----------------------------|
| TP_AUTO, TP_100M, TP_FDX             | TP: AUTO                    |
| TP_DIS, TP_100M, TP_FDX              | TP: FORCE,100M, FULL-Duplex |
| (TP_DIS or TP_AUTO), TP_100M, TP_HDX | TP: FORCE,100M, HALF-Duplex |
| TP_DIS, TP_10M, TP_FDX               | TP: FORCE,10M, FULL-Duplex  |
| (TP_DIS or TP_AUTO), TP_10M, TP_HDX  | TP: FORCE,10M, HALF-Duplex  |

- Note:
- 1. It is recommended to leave the switches on TP\_AUTO, TP\_100M, TP\_FDX and LFP\_On to accommodate most situations.
  - 2. Please reboot the converter after configuring the switches.

