

# Media Converter Datasheet

MODELS: MC200CM, MC210CS, MC220L, MC100CM  
MC110CS, MC111CS, MC112CS



MC200CM



MC210CS



MC220L



MC100CM



MC110CS



MC111CS



MC112CS

## Highlights

- LED indicators provide an easy way to monitor network activity
- Fits into a TL-MC1400 chassis
- Supports 10/100Mbps and Gigabit data transfer rates to meet a range of requirements

## Overview

TP-Link's media converters are designed to convert between 10BASE-T/100BASE-T and 100BASE-FX, and between 1000BASE-T and 1000BASE-SX/1000BASE-LX. The media converters work at a full wire-speed forwarding rate and fit conveniently into a TL-MC1400 chassis for easy storage.

# Specifications

|                           |                                                                                                                                                                                                          |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Product Model             | MC200CM v4                                                                                                                                                                                               | MC210CS v5                                                                        | MC220L v4                                                                         | MC100CM v5                                                                         | MC110CS v6                                                                          | MC111CS v6                                                                          | MC112CS v6                                                                          |
| Product Picture           |                                                                                                                         |  |  |  |  |  |  |
| Standards                 | IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab,<br>IEEE 802.3z, IEEE 802.3x                                                                                                                                      |                                                                                   |                                                                                   | IEEE 802.3i, IEEE 802.3u                                                           |                                                                                     |                                                                                     |                                                                                     |
| Interface                 | 1 1000Mbps SC port<br>1 10/100/1000Mbps RJ45 port                                                                                                                                                        |                                                                                   | 1 SFP port<br>1 10/100/1000<br>Mbps RJ45 port                                     | 1 100Mbps SC port<br>10/100Mbps RJ45 port                                          |                                                                                     |                                                                                     |                                                                                     |
| Transmission Distance     | 0.55km<br>(50/125um),<br>0.22km<br>(62.5/125um)                                                                                                                                                          | 20km                                                                              | Depends on<br>the inserting<br>SFP module                                         | 2km                                                                                | 20km                                                                                |                                                                                     |                                                                                     |
| Transmission Media        | Multi-mode<br>Fiber, TP                                                                                                                                                                                  | Single-mode<br>Fiber, TP                                                          | Multi/Single-<br>mode Fiber, TP                                                   | Multi-mode<br>Fiber, TP                                                            | Single-mode Fiber, TP                                                               |                                                                                     |                                                                                     |
| Wave Length               | 850nm                                                                                                                                                                                                    | 1310nm                                                                            | Depend on<br>used SFP<br>module                                                   | 1310nm                                                                             |                                                                                     | 1550nmTX<br>1310nmRX                                                                | 1310nmTX<br>1550nmRX                                                                |
| Dimensions<br>(W × D × H) | 3.7 × 2.9 × 1.1 in.<br>(94.5 × 73.0 × 27.0 mm)                                                                                                                                                           |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| Environment               | Operating Temperature: 0°C to 40°C (32°F to 104°F)<br>Storage Temperature: -40°C to 70°C (-40°F to 158°F)<br>Operating Humidity: 10% to 90% non-condensing<br>Storage Humidity: 5% to 90% non-condensing |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| Power Supply              | 9V/0.6A                                                                                                                                                                                                  |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |
| Max Power Consumption     | 1.66W                                                                                                                                                                                                    | 1.8W                                                                              | 1.7W                                                                              | 2.4W                                                                               | 2.4W                                                                                | 1.49W                                                                               | 1.44W                                                                               |
| Certifications            | CE, FCC                                                                                                                                                                                                  |                                                                                   |                                                                                   |                                                                                    |                                                                                     |                                                                                     |                                                                                     |