



Part Number: MC2005

The MC2005 is a media converter designed to convert 1000BASE-LX/LH fiber to 1000Base-T copper media or vice versa. Designed under IEEE802.3ab 1000Base-T and IEEE802.3z 1000Base-LX/LH standards, the MC210CS is designed for use with single-mode fiber cable utilizing the SC-Type connector. The MC210CS supports shortwave (SX) laser specification at a full wire speed forwarding rate. It works at 1310nm on both transmitting and receiving data.

Other features of this module include the ability to be used as a stand alone device (no chassis required) or with TP-LINK's 19" system chassis, Auto MDI/MDI-X for TX port, and front panel status LEDs. The MC210CS will transmit at extended fiber optic distances utilizing single-mode fiber up to 15 kilometers.

- * Works at 1000Mbps in Full-Duplex mode for both TX port and FX port
- * Supports auto MID/MID-X for TX port
- * Link Fault Passthrough and Far End Fault minimize the loss caused by link failure timely
- * Provides switch configuration of Force /Auto transfer mode for FX port.

Full Duplex Flow Control (IEEE 802.3x)

Extends fiber distance up to 15km

Link Fault Passthrough and Far End Fault minimize the loss caused by link failure timely

Ports

1 1000M SC port

1 1000M RJ45 port (Auto MDI/MDIX)

Network Media

1000BASE-T

UTP Cat.5E cable (maximum 100m)

EIA/TIA-568 100 ohm STP (maximum 100m)

1000BASE-FX

Single-mode Fiber

LED Indicators

PWR, LINK, RX

Safety & Emission

FCC, CE

Dimensions (W*D*H)

3.7 x 2.9 x 1.1 in. (94.5 x 73.0 x 27.0 mm)

Environment

Operating Temperature: 0C~40C (32F~104F)

Storage Temperature: -40C~70C (-40F~158F)

Operating Humidity: 10%~90% non-condensing

Storage Humidity: 5%~90% non-condensing

Power Supply

External Power Adapter