

Take down the module panel on the Switch

Push module into Switch along the track smoothly

Screw the module on Switch

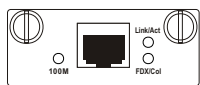
Plug fiber/UTP into the module, turn on the power supply of the Switch. Without any configuration manually, the Module can work.

## 6. Remarks

There are led indicators on the module to show the working condition. as follows :



FIBER MODULE



UTP MODULE

TL-SM201 module support plug and play ,but must turn off power supply before install/uninstall.

TL-SM201 module only install in the TP-LINK Switch, do not install this card in any other brand Switch.

At present. TL-SM201 module can install in TL-SF2109P, TL-SF2117P, TL-SF2226P+, TL-SL2226P, TL-SL2226P+ and TL-SL3226P Switches , we will give a indication in the user's guide when a new Switch could use this card. See our web site for more details: <http://www.tp-link.com>.



### Warning:

In order to avoid ESD, do not touch the parts on the circuit including

IC's pins with your hand directly!

## 7. Working Environment

Power supply: supplied by Switch

Operating Temperature: 0°C-40°C

Storage Temperature: -40°C-70°C

Operating Humidity: 10%-90%(non-condensing)

Storage Humidity: 5%-95%(non-condensing)

## Appendix: Contact Information

For help with the installation or operation of the TP-LINK TL-SM201 Series Module, please contact us.

### TP-LINK TECHNOLOGIES CO., LTD.

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Made in China



## TL-SM201 Series Module

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## 1. Introduction

TL-SM201 series modules use fiber or Cat.5 Twisted-pair as transmission media, cooperate with TP-LINK Switches. It can effectively extend the diameter and bandwidth of the workgroup. TL-SM201 series of fiber module is fully compliant with IEEE802.3u protocol. It's wavelength is about 1310nm. TL-SM201U UTP module is fully compliant with IEEE802.3u protocol, support 10/100M Auto-Negotiation and Auto-MDI/MDIX function. TL-SM201 series of module is easy to use, can be installed inside the Switch which supply power directly. TL-SM201 module can cooperate with some sort of TP-LINK Switches to work. The led indicators upon the module indicate working condition of the TL-SM201 Series Modules.

## 2. Naming

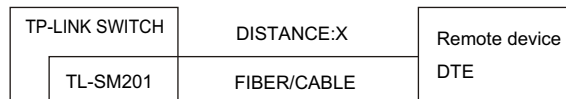
TL-SM201U: 100Base-TX Cat.5 Twisted-pair ports (UTP) module, RJ-45 connector

TL-SM201CM: 100Base-FX Multi-mode fiber module, SC connector

TL-SM201CS: 100Base-FX Single-Mode fiber module, SC connector

TL-SM201TM: 100Base-FX Multi-mode fiber module, ST connector

## 3. Type of module and the distance of transmission



THE TYPE OF MODULE	MAXIMAL DISTANCE
TL-SM201U	X ≤ 100m
TL-SM201CM	X ≤ 2000m
TL-SM201CS-20	X ≤ 20000m
TL-SM201CS-40	X ≤ 40000m
TL-SM201CS-60	X ≤ 60000m
TL-SM201TM	X ≤ 2000m

## 4. Features of the product

Multi-mode and Single-Mode fiber module operate at 1310nm

Multi-mode fiber module use the 50/125um, 62.5/125um fiber; Single-Mode fiber module use the 9/125um fiber. UTP module use the ordinary Cat.5 Twisted-pair

Comply with IEEE802.3u protocol and support full duplex mode

TL-SM201U UTP module support the 10/100M Auto-Negotiation and Auto-MDI/MDIX function

The maximal transmission distance of Multi-mode/Single-Mode/ Cat.5 Twisted-pair is 2000m/60000m/100m

Option for some type TP-LINK Switches

LED indicators of the module indicate the module status

Plug and play

## 5. Installation Guide

Turn off the power supply