Installation Guide

1000Base-BX WDM Bi-Directional SFP Module

TL-SM321A/TL-SM321B
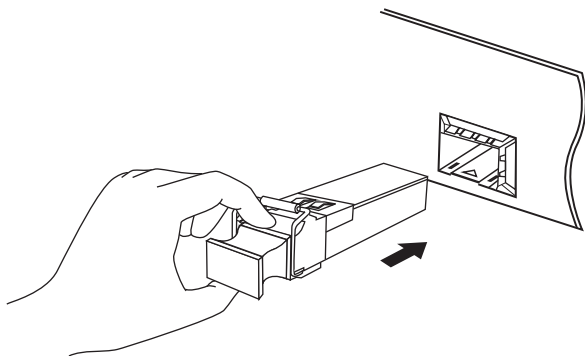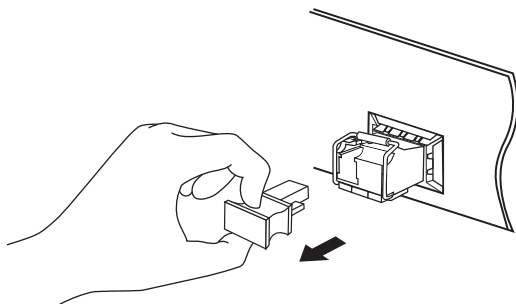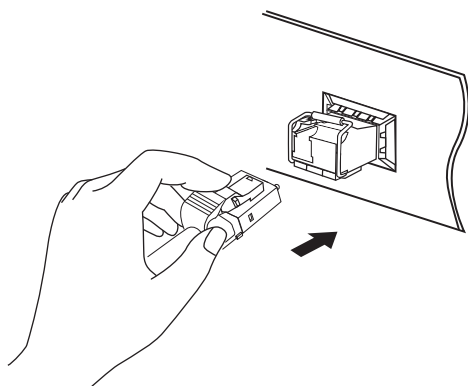
Install the SFP

1. Wear an ESD-preventive wrist or ankle strap to prevent ESD damage to the transceiver.

2. Insert the SFP into the SFP slot and firmly press it into place.

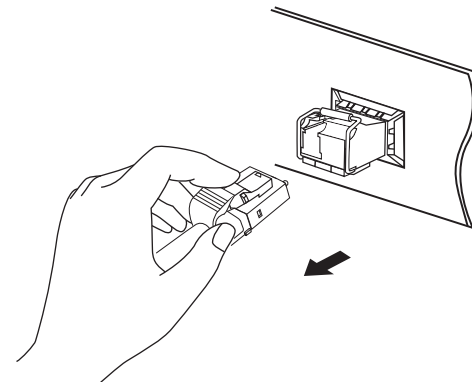3. Remove the protective dust plug from the SFP.

4. Plug a fiber-optic cable into the SFP. Note that the SFP works without any additional configuration.
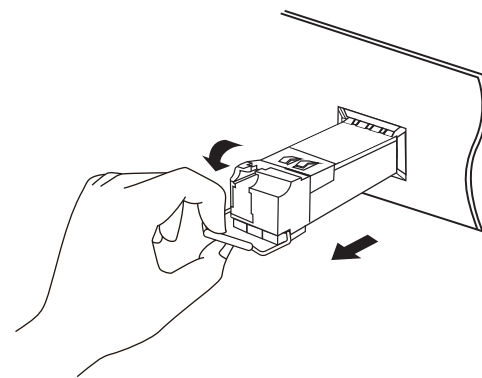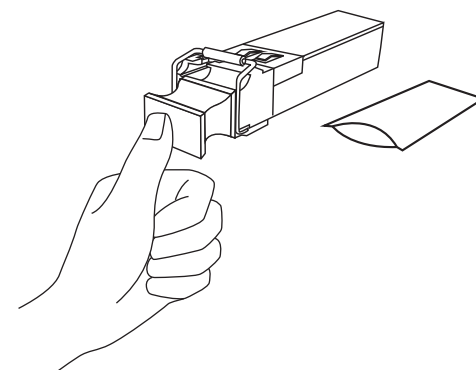

Remove the SFP

1. Wear an ESD-preventive wrist or ankle strap to prevent ESD damage to the transceiver.

2. Disconnect the network fiber-optic cable from the SFP.

3. Pull the safety latch downwards to release the SFP, and then pull it out from the slot.

4. Reinstall the protective dust plug in the SFP's optical bores and place it on antistatic mat or a static shielding bag.
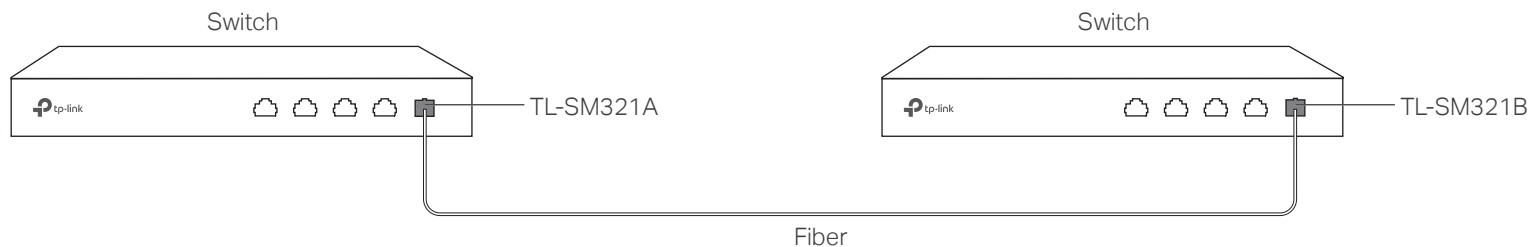

Note:
1. Do not touch the output pins on the transceiver with your hand.
2. Always keep the protective dust plug on the SFP's optical bores until you are ready to make a connection.

Caution:
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.

Connection

Please use only the TL-SM321A and TL-SM321B together for fast and reliable connectivity between switches.

Switch

Switch

tp-link ⬠ ⬠ ⬠ ⬠ ▣ ——— TL-SM321A

tp-link ⬠ ⬠ ⬠ ⬠ ▣ ——— TL-SM321B

Fiber

Specifications

General Specifications

Normal	TL-SM321A	TL-SM321B
Wave Length	Tx: 1550nm Rx: 1310nm	Tx: 1310nm Rx: 1550nm
Standards and Protocols	IEEE 802.3z, CSMA/CD, TCP/IP	
Cable	Single-mode Fiber	
Fiber Type	9/125 um Single-mode	
Max. Cable Length	10km	
Data Rate	1.25Gbps	
Port Type	LC	
Power Support	3.3V	
Safety & Emission	FCC, CE	

Environmental and Physical Specifications

Operation Temperature	0˚C to 70˚C (32˚F to 158˚F)
Storage Temperature	-40˚C to 80˚C (-40˚F to 176˚F)
Operation Humidity	10% to 90% RH, Non-condensing
Storage Humidity	5% to 90% RH, Non-condensing

TP-Link Compatible Products

• TP-Link Switches with gigabit SFP Slots
• MC200L

Note:
The SFP modules may be incompatible with other vendors' devices. We recommend that you use only TP-Link SFP modules on your TP-Link devices.

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