tp-link

Installation Guide
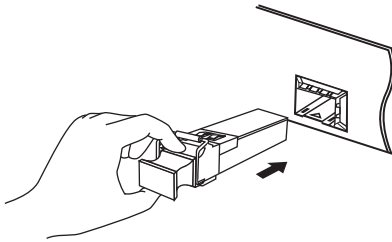SFP GPON Class C+ Module

To ask questions, find answers, and communicate with TP-Link users or engineers, please visit **https://community.tp-link.com** to join TP-Link Community.

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

If you have any suggestions or needs on the product guides, welcome to email **techwriter@tp-link.com.cn**.
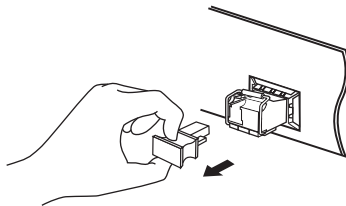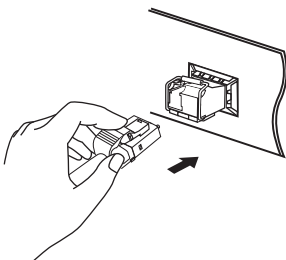
Install the Transceiver

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

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

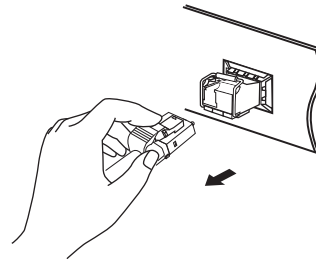3. Remove the protective dust plug from the transceiver.

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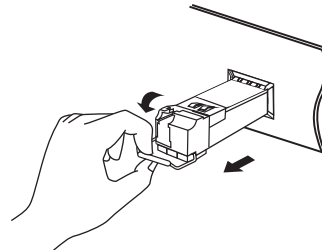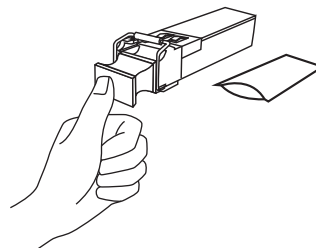

Remove the Transceiver

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 transceiver.

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

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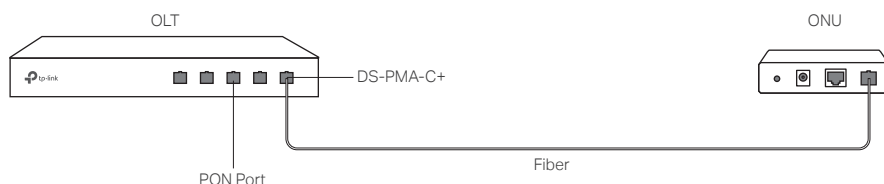

Note:
1. Do not touch the output pins on the transceiver with your hand.
2. Always keep the protective dust plug on the transceiver's optical bores until you are ready to make a connection.

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

OLT

ONU

DS-PMA-C+

PON Port

Fiber

Specifications

General Specifications

Normal	DS-PMA-C+
Wave Length	Tx: 1490 nm Rx: 1310 nm
Standards and Protocols	ITU-T G.984.2 Amendment 2
Cable	Single-mode Fiber
Fiber Type	9/125 um Single-mode
Max. Cable Length	20 km
Data Rate	Tx: 2488.32 Mbit/s Rx: 1244.16 Mbit/s
Port Type	SC/UPC
Power Support	3.3 V
Safety & Emission	FCC 47 CFR Part 15, Class B CE, Class B
DDM	Yes
SFP-MSA	Yes
Hot Swappable	Yes

Environmental and Physical Specifications

Product Operating Temperature	0˚C to 70˚C (32˚F to 158˚F)
Storage Temperature	-40˚C to 85˚C (-40˚F to 185˚F)
Operating Humidity	5% to 95% RH, Non-condensing
Storage Humidity	5% to 95% RH, Non-condensing

Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device.
- Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.
- 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.

EU Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2009/125/EC, 2011/65/EU and (EU)2015/863.

The original EU declaration of conformity may be found at
https://www.tp-link.com/en/support/ce/

UKCA Declaration of Conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Electromagnetic Compatibility Regulations 2016 and Electrical Equipment (Safety) Regulations 2016.
The original UKCA declaration of conformity may be found at
https://www.tp-link.com/uk/ukca