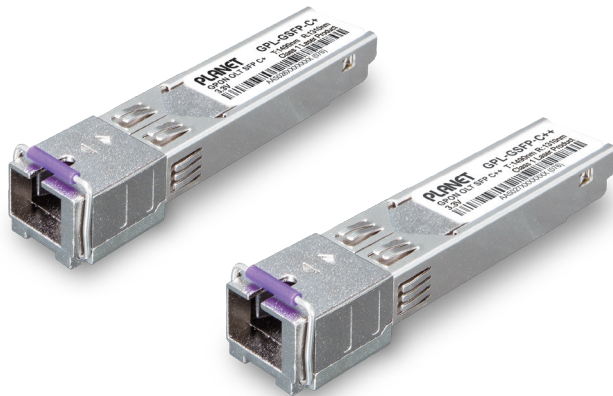


GPON OLT SFP Transceiver (Class C+, Optical Power: 3dBm~7dBm, Download 2.5G/Upload 1.25G, TX: 1490nm, RX: 1310nm) -- 20km



Product Features

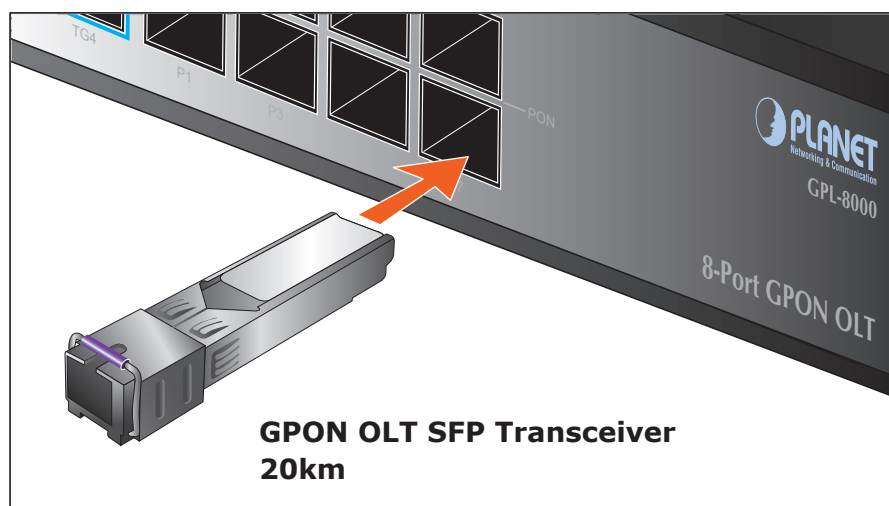
- Supports ITU-T G.984.2 GPON OLT C+/C++ application
- TX:1490nm, RX:1310nm
- Single SC (WDM) interface connector
- Single fiber bi-directional data links with symmetric 2.488Gbps Tx and 1.244Gbps Rx
- Distance up to 20km over 9/125µm fiber cable
- Plug and Play installation
- 2-wire interface for integrated digital diagnostic monitoring
- Receiver Reset, Signal Detect, RSSI function indication (RESET, RX_SD, RSSI)
- SFP package with SC/UPC receptacle optical interface
- Single +3.3V power supply
- 0 to 70 degrees C operating temperature
- RoHS6 compliance

PLANET GPON OLT SFP Quad (small form factor pluggable) Transceiver (GPL-GSFP) is specifically designed for high-performance integrated duplex data link over single mode optical fiber, and its single fiber bi-directional data links with symmetric 2.488Gbps Tx and 1.244Gbps Rx. It is compliant with ITU-T G.984.2 and hot pluggable.

The GPON OLT SFP Transceiver also supports SFP-DDM (digital diagnostic monitor) function that greatly helps network administrators to easily monitor real-time parameters of the SFP, such as optical output power, optical input power, temperature, laser bias current, and transceiver supply voltage.

Applications

The GPL-GSFP can be connected to PLANET GPL-8000's GPON SFP interface. With that, the deployment distance can be extended up to 20 kilometers (single-mode, SC). The GPL-GSFP is hot-pluggable and hot-swappable. You can plug in and pull out the transceiver to/from any GPON SFP port without having to power off the switch.



Specifications

Model	GPL-GSFP-C+	GPL-GSFP-C++
Package	GPL-GSFP-C+	GPL-GSFP-C++
Fiber Type	Single-mode	Single-mode
Connector	SC (WDM)	SC (WDM)
Wavelength	TX: 1490nm, RX: 1310nm	TX: 1490nm, RX: 1310nm
Maximum Distance	20km	20km
Class	C+	C++
Optical Power	3dBm~7dBm	4.5dBm~10dBm
Operating Temperature	0~70 degrees C	0~70 degrees C

Ordering Information

GPL-GSFP-C+	GPON OLT SFP Transceiver (Class C+, Optical Power: 3dBm~7dBm, Download 2.5G/Upload 1.25G, TX: 1490nm, RX: 1310nm) -- 20km
GPL-GSFP-C++	GPON OLT SFP Transceiver (Class C++, Optical Power: 4.5dBm~10dBm, Download 2.5G/Upload 1.25G, TX: 1490nm, RX: 1310nm) -- 20km

Related Products

GPL-8000	8-Port GPON OLT with 4-Port Gigabit TP/SFP Combo + 4-Port 1000X SFP + 4-Port 10G SFP+
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