

Base Part Number

SFP-GPON-C+

Product Features

- Form Factor
- Speed
- Distance
- Operating Temperature
- Connector Type
- Fiber Type

SFP
2.448Gbps TX/1.244Gbps RX
20km
Commercial: 0°C to +70°C
Simplex SC
SMF



Brand Compatibility

Applications

- Support ITU-T G.984.2 GPON OLT C+ application
- Single fiber bi-directional data links with asymmetrical 2.488Gbps Tx and 1.244Gbps Rx
- 1490nm continuous-mode transmitter w/DFB LD
- 1310nm burst-mode receiver with APD-TIA

OEM Equivalent Part Number

Key Specifications

Part Type	Max Data Rate	Fiber Type	Transmitter	Output Power	Receiver Sensitivity	Power Supply	Power Dissipation	DDM
SFP-GPON-C+	2.448 Gbps TX / 1.244 Gbps RX	SMF	1310nm TX / 1490nm RX	3 to 7dBm	-30dBm	3.3V	1.65W	Yes

Compliance

RoHS6 compliant

Qualifications and Testing

- **Manufacturer:** OEM equivalent part; designed, tested, fabricated to supplier specifications following ISO certified processes. RoHS compliant & class 1 laser certified.
- **Supplier:** 100% compatibility tested in the listed brands.
- **Order:** All parts are tested for traffic functionality per supported layer 2/3 protocol, DOM/DDM threshold and calibration, EEPROM MSA value verification, serial number verification & optical cleanliness.

Warranty

- Lifetime replacement warranty