

## SUREPORT DATA SHEET

# Huawei-Compatible GPON OLT SFP



Champion ONE's GPON SFPs are specified for OLT usage and offer a direct replacement for your existing ITU-T G.984 optics in your FTTx network.

*Champion ONE Sureport transceivers are programmed for one-to-one compatibility with your existing OEM platforms.*

## Technical Specifications

### STANDARDS AND REGULATORY COMPLIANCE

RoHS compliant  
SFP MSA (multi-source agreement)  
ITU-T G.984

### PROTOCOLS AND DATA RATES

GPON 2.5 / 1.25 Gbps

### CONNECTOR

Simplex SC connector

### WARRANTY

All feature a limited 5-year warranty

### NOTES

Available in standard temperature: 0 to 70°C  
Most parts available in industrial temperature ('temperature hardened'): -40 to 85°C

| C1 Part Number              | Tx/Rx Wavelength (nm) | Fiber Type | Rated Distance (km) | Temp Range (°C)     | Description  | Output Power (min/max) (dBm) | Receiver Sensitivity (dBm) | Max. Input Power (dBm) |
|-----------------------------|-----------------------|------------|---------------------|---------------------|--|------------------------------|----------------------------|------------------------|
| <b>GPON 2.5 / 1.25 GBPS</b> |                       |            |                     |                     |  |                              |                            |                        |
| GPONOLTSFPB+2(H)-HW         | 1490/1310             | SMF        | 20                  | 0 to 70 (-40 to 85) | GPON OLT B+ - ITU-T G.984 Class B+ 1490/1310 nm, DOM, Huawei compatible                              | 1.5 / 5.0                    | -28                        | -8                     |
| GPONOLTSFPC+2(H)-HW         | 1490/1310             | SMF        | 26                  | 0 to 70 (-40 to 85) | GPON OLT C+ - ITU-T G.984.2 Class C+ 1490/1310 nm, high sensitivity receiver, DOM, Huawei compatible | 3.0 / 7.0                    | -32                        | -12                    |
| GPONOLTSFPC++-HW            | 1490/1310             | SMF        | 26+                 | 0 to 70             | GPON OLT C+ - ITU-T G.984.2 Class C+ 1490/1310 nm, high sensitivity receiver, DOM, Huawei compatible | 5.0 / 9.0                    | -32                        | -12                    |

Notes:  
1. Parts are intended as one-to-one replacements. Please verify that the OEM part number is compatible with your system before ordering. If you have questions regarding specific switches and routers, please contact your Champion ONE sales representative for support. In most cases, a customized solution can be developed to meet your needs.