

SUREPORT DATA SHEET

ADTRAN-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)
GPON 2.5 / 1.25 GBPS								
GPONOLTSFPB(H)-ADN	1490/1310	SMF	20	0 to 70 (-40 to 85)	GPON OLT B+ - ITU-T G.984 Class B+ 1490/1310 nm, DOM, Adtran compatible	1.5 / 5.0	-28	-8
GPONOLTSFPC(H)-ADN	1490/1310	SMF	40	0 to 70 (-40 to 85)	GPON OLT C+ - ITU-T G.984.2 Class C+ 1490/1310 nm, high sensitivity receiver, DOM, Adtran compatible	3.0 / 7.0	-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.