

SUREPORT DATA SHEET

Calix-Compatible Single Fiber SFP



Champion ONE's single fiber or bi-directional (bidi) SFPs offer a direct replacement for dual-fiber SFP optics, providing you with more bandwidth on less fiber. Gaining increased capacity without running new fiber can reduce your fiber installation or lease costs, optimizing your fiber plant.

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)
IEEE Std 802.3
Fibre Channel Draft Physical Interface Specification
Compliant with SONET/SDH optical standards
UL/CSA Class 3862.07 / 3862.87

DIMENSIONS

8.5 x 13.4 x 56.5 mm ; 75 g

CONNECTOR

Simplex SC connector

WARRANTY

All feature a limited 5-year warranty

PROTOCOLS AND DATA RATES

Gigabit Ethernet (1.25Gbps)

C1 Part Number	Wavelength (nm)	Fiber Type	Rated Distance (km)	Temp Range (°C)	Description	Tx (min/max) (dBm)	Rx (min/max) (dBm)	Substitute for Calix® part #s
GIGABIT ETHERNET (1.25 GBPS), 1G FIBRE CHANNEL (1.0625 GBPS)								
GESFP-B31-20I-CLX	1310 Tx/1490 Rx	SMF	20	-40 to 85	SFP SF 1000Base-BX 1310 Tx/1490 Rx 20km, I-temp, Calix compatible	-7.0 / 1.0	-22.0 / 0.0	100-01668
GESFP-B49-20I-CLX	1490 Tx/1310 Rx	SMF	20	-40 to 85	SFP SF 1000Base-BX 1490 Tx/1310 Rx 20km, I-temp, Calix compatible	-7.0 / 1.0	-22.0 / 0.0	100-01669
GESFP-B31-40I-CLX	1310 Tx/1550 Rx	SMF	40	-40 to 85	SFP SF 1000Base-BX 1310 Tx/1550 Rx 40km, I-temp, Calix compatible	-7.0 / 1.0	-22.0 / 0.0	100-01670
GESFP-B55-40I-CLX	1550 Tx/1310 Rx	SMF	40	-40 to 85	SFP SF 1000Base-BX 1550 Tx/1310 Rx 40km, I-temp, Calix compatible	-7.0 / 1.0	-22.0 / 0.0	100-01671
GESFP-B49-80I-CLX	1490Tx/1550Rx	SMF	80	-40 to 85	SFP SF 1000Base-BX 1490Tx/1550Rx 80km, I-temp, Calix compatible	0.0 / 5.0	-26.0 / 0.0	N/A
GESFP-B55-80I-CLX	1550Tx/1490Rx	SMF	80	-40 to 85	SFP SF 1000Base-BX 1550Tx/1490Rx 80km, I-temp, Calix compatible	0.0 / 5.0	-26.0 / 0.0	N/A
GESFP-B49-120I-CLX	1490Tx/1550Rx	SMF	120	-40 to 85	SFP SF 1000Base-BX 1490Tx/1550Rx 120km, I-temp, Calix compatible	-1.0 / 4.0	-31.0	N/A
GESFP-B55-120I-CLX	1550Tx/1490Rx	SMF	120	-40 to 85	SFP SF 1000Base-BX 1550Tx/1490Rx 120km, I-temp, Calix compatible	-1.0 / 4.0	-31.0	N/A

* 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.

06.24.2019 – REV 2.0