

SUREPORT DATA SHEET

Juniper-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 (mutli-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

PROTOCOLS AND DATA RATES

Gigabit Ethernet (1.25Gbps)

DIMENSIONS

8.5 x 13.4 x 56.5 mm ; 75 g

CONNECTOR

Simplex SC connector

WARRANTY

All feature a limited 5-year warranty

C1 Part Number	Wavelength (nm)	Fiber Type	Rated Distance (km)	Temp Range (°C)	Description	Tx (min/max) (dBm)	Rx (min/max) (dBm)	Substitute for Juniper Networks® part #s
GIGABIT ETHERNET (1.25 GBPS), 1G FIBRE CHANNEL (1.0625 GBPS)								
GESFP-B31-20(I)-JUN	1310Tx/1490Rx	SMF	20	0 to 70 (-40 to 85)	SFP SF 1000Base-BX 1310Tx/1490Rx, 20km, (I-temp), Juniper Networks compatible	-9 / -3	-20 / 0	GLC-BX-U
GESFP-B49-20(I)-JUN	1490Tx/1310Rx	SMF	20	0 to 70 (-40 to 85)	SFP SF 1000Base-BX 1490Tx/1310Rx 20km, (I-temp), Juniper Networks compatible	-9 / -3	-20 / 0	GLC-BX-D
GESFP-B35-40(I)-JUN	1310Tx/1550Rx	SMF	40	0 to 70 (-40 to 85)	SFP SF 1000Base-BX 1310Tx/1550Rx, 40km, (I-temp), Juniper Networks compatible	-5 / 0	-24 / 0	***C1 Exclusive***
GESFP-B53-40(I)-JUN	1550Tx/1310Rx	SMF	40	0 to 70 (-40 to 85)	SFP SF 1000Base-BX 1550Tx/1310Rx, 40km, (I-temp), Juniper Networks compatible	-5 / 0	-24 / 0	***C1 Exclusive***
GESFP-B45-80-JUN	1490Tx/1550Rx	SMF	80	0 to 70	SFP SF 1000Base-BX 1490Tx/1550Rx, 80km, Juniper Networks compatible	0 / 5	-26 / -3	***C1 Exclusive***
GESFP-B54-80-JUN	1550Tx/1490Rx	SMF	80	0 to 70	SFP SF 1000Base-BX 1550Tx/1490Rx, 80km, Juniper Networks compatible	0 / 5	-26 / -3	***C1 Exclusive***

* Parts are intended to be 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.