

**SUREPORT DATA SHEET**

# Cisco-Compatible Single Fiber SFP



Champion ONE's single fiber or bi-directional (bi-di) 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

### 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 Cisco® part #s
<b>GIGABIT ETHERNET (1.25 GBPS), 1G FIBRE CHANNEL (1.0625 GBPS)</b>								
GESFP-B31-20-CSC	1310Tx/1490Rx	SMF	20	0 to 70	SFP SF 1000Base-BX 1310Tx/1490Rx, 20km, Cisco Systems compatible	-7 / 1	-22 / 0	GLC-BX-U
GESFP-B49-20-CSC	1490Tx/1310Rx	SMF	20	0 to 70	SFP SF 1000Base-BX 1490Tx/1310Rx 20km, Cisco Systems compatible	-7 / 1	-22 / 0	GLC-BX-D
GESFP-B31-40-CSC	1310Tx/1490Rx	SMF	40	0 to 70	SFP SF 1000Base-BX 1310Tx/1490Rx, 40km, Cisco Systems compatible	-5 / 0	-22 / 0	***C1 Exclusive***
GESFP-B49-40-CSC	1490Tx/1310Rx	SMF	40	0 to 70	SFP SF 1000Base-BX 1490Tx/1310Rx 40km, Cisco Systems compatible	-5 / 0	-22 / 0	***C1 Exclusive***
GESFP-B35-40-CSC	1310Tx/1550Rx	SMF	40	-5 to 75	SFP SF 1000Base-BX 1310Tx/1550Rx, 40km, Cisco Systems compatible	-5 / 0	-22 / 0	***C1 Exclusive***
GESFP-B53-40-CSC	1550Tx/1310Rx	SMF	40	-5 to 75	SFP SF 1000Base-BX 1550Tx/1310Rx, 40km, Cisco Systems compatible	-5 / 0	-22 / 0	***C1 Exclusive***
GESFP-B45-80-CSC	1490Tx/1590Rx	SMF	80	-5 to 75	SFP SF 1000Base-BX 1490Tx/1590Rx, 80km, Cisco Systems compatible	-2 / 4	-26 / -3	***C1 Exclusive***
GESFP-B54-80-CSC	1590Tx/1490Rx	SMF	80	-5 to 75	SFP SF 1000Base-BX 1590Tx/1490Rx, 80km, Cisco Systems compatible	-2 / 4	-26 / -3	***C1 Exclusive***
GESFP-B49-80-CSC	1490Tx/1550Rx	SMF	80	0 to 70	SFP SF 1000Base-BX 1490Tx/1550Rx, 80km, Cisco Systems compatible	0 / 5	-26 / -3	***C1 Exclusive***
GESFP-B55-80-CSC	1550Tx/1490Rx	SMF	80	0 to 70	SFP SF 1000Base-BX 1550Tx/1490Rx, 80km, Cisco Systems 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.