

## SUREPORT DATA SHEET

# ADTRAN-Compatible Single Fiber SFP



Champion ONE's SF SFP or bi-directional (bidi) offers 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.

Our carrier-grade SFP products also feature digital diagnostics, also known as digital optical monitoring (DOM), which is supported by Adtran® and other major carriers.

*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 Adtran® part #s
<b>GIGABIT ETHERNET (1.25 GBPS), 1G FIBRE CHANNEL (1.0625 GBPS)</b>								
GESFP-B31-20-ADN	1310 Tx/1490 Rx	SMF	20	0 to 70	SFP SF 1000Base-BX 1310 Tx/1490 Rx, 20km, Adtran compatible	-7.0 / 1.0	-22.0 / 0.0	1442120G1
GESFP-B49-20-ADN	1490 Tx/1310 Rx	SMF	20	0 to 70	SFP SF 1000Base-BX 1490 Tx/1310 Rx, 20km, Adtran compatible	-7.0 / 1.0	-22.0 / 0.0	1442120G2

\* 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.