

## SUREPORT DATA SHEET

# Huawei-Compatible Dual Fiber SFP



Champion ONE's Dual Fiber SFP product line supports a variety of protocols over a wide range of distance and temperature options. These optics are fully MSA-compliant and offer direct compatibility with your existing switches and routers.

*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

### PROTOCOLS AND DATA RATES

Fast Ethernet (125Mbps)  
Gigabit Ethernet (1.25Gbps)  
SONET OC-3/OC-12/OC-48  
Fibre Channel (1G, 2G, 4G)

### DIMENSIONS

8.5 x 13.4 x 56.5 mm ; 75 g

### CONNECTOR

Duplex LC connector

### WARRANTY

All feature a limited 5-year warranty

| C1 Part Number  | Transmit Wavelength (nm) | Fiber Type | Rated Distance (km) | Temp Range (°C) | Description                               | Tx (min/max) (dBm) | Rx (min/max) (dBm) | Substitute for Huawei® part #s |
|---|--------------------------|------------|---------------------|-----------------|---|--------------------|--------------------|--------------------------------|
| <b>GIGABIT ETHERNET (1.25 GBPS), 1G FIBRE CHANNEL (1.0625 GBPS)</b> |                          |            |                     |                 |   |                    |                    |                                |
| GESFP-SX-HWI  | 850                      | MMF        | 0.55                | 0 to 70         | SFP 1000Base-SX 0.55km, Huawei compatible | -9.0 / -3.5        | -18.0 / 0.0        | SFP-GE-SX-MM850-A              |
| GESFP-LX-HWI  | 1310                     | SMF        | 10                  | 0 to 70         | SFP 1000Base-LX 10km, Huawei compatible   | -9.0 / -3.5        | -18.0 / 0.0        | SFP-GE-LH10-SM1310             |
| GESFP-EX-HWI  | 1310                     | SMF        | 40                  | 0 to 70         | SFP 1000Base-EX 40km, Huawei compatible   | -5.0 / 0.0         | -22.0 / 0.0        | SFP-GE-LH40-SM1550             |
| GESFP-ZX-HWI  | 1550                     | SMF        | 80                  | 0 to 70         | SFP 1000Base-ZX 80km, Huawei compatible   | 0.0 / 5.0          | -22.0 / 0.0        | SFP-GE-LH70-SM1550             |
| GESFP-VX-HWI  | 1550                     | SMF        | 120                 | 0 to 70         | SFP 1000Base-EZX 120km, Huawei compatible | 0.0 / 5.0          | -30.0 / 0.0        | SFP-GE-LH100-SM1550            |

\* 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.