

**SUREPORT DATA SHEET**

# Foundry/Brocade-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 Foundry® part #s
<b>GIGABIT ETHERNET (1.25 GBPS), 1G FIBRE CHANNEL (1.0625 GBPS)</b>								
GESFP-SX-FBR	850	MMF	0.55	0 to 70	SFP 1000Base-SX 0.55km, Foundry-Brocade compatible	-9.0 / -3.5	-18.0 / 0.0	E1MG-SX
GESFP-LX-FBR	1310	SMF	10	0 to 70	SFP 1000Base-LX 20km, Foundry-Brocade compatible	-9.0 / -3.5	-18.0 / 0.0	E1MG-LX
GESFP-ZX-FBR	1550	SMF	80	0 to 70	SFP 1000Base-ZX 80km, Foundry-Brocade compatible	0.0 / 5.0	-22.0 / 0.0	E1MG-LHA
GESFP-VX-FBR	1550	SMF	120	0 to 70	SFP 1000Base-EZX 120km, Foundry-Brocade compatible	0.0 / 5.0	-32.0 / -10.0	E1MG-LHB

\* 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.