SUREPORT DATA SHEET

Cisco-Compatible CWDM SFP

Champion ONE's SFP CWDM transceivers offer direct compatibility with existing switches and routers. These optics can be used as part of a passive CWDM solution that enables network operators to cost-effectively expand their fiber capacity. While our CWDM SFPs are typically available in the standard ITU CWDM range (1470 to 1610 nm, 20nm spacing), lower CWDM wavelengths (1450nm and below) are available upon request.

*Champion ONE **Sureport** transceivers are programmed for one-to-one compatibility with your existing OEM platforms.*

Technical Specifications

STANDARDS AND REGULATORY COMPLIANCE
RoHS compliant
IEEE Std 802.3 (Gigabit Ethernet 802.3z,802.3ah, FastE 802.3u)
Compliant with SONET/SDH optical standards
SFP MSA (multi-source agreement)
UL/CSA Class 3862.07 / 3862.87

PROTOCOLS AND DATA RATES
Gigabit Ethernet

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	Wavelength (nm)	Fiber Type	Rated Distance (km)	Temp Range (°C)	Description	Tx (min/max) (dBm)	Rx (min/max) (dBm)	Substitute for Cisco® part #s
GIGABIT ETHERNET								
GES-CXX-40-CSC	1470 (xx=47) to 1610 (xx=61)	SMF	40	0 to 70	SFP 1000BASE-EX CWDM 1xx0nm 40km, Cisco Systems compatible	-5.0 / 0.0	-24.0 / -1.0	***C1 Exclusive***
GES-CXX-80-CSC	1470 (xx=47) to 1610 (xx=61)	SMF	80	0 to 70	SFP 1000BASE-ZX CWDM 1xx0nm 80km, Cisco Systems compatible	0.0 / 5.0	-26.0 / -3.0	CWDM-SFP-1xx0

* 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.

Wavelength	Color	
1470nm	Gray	
1490nm	Violet	
1510nm	Blue	
1530nm	Green	

Wavelength	Color	
1550nm	Yellow	
1570nm	Orange	
1590nm	Red	
1610nm	Brown	