

## SUREPORT DATA SHEET

# Nokia/ALU-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	Transmit Wavelength (nm)	Fiber Type	Rated Distance (km)	Temp Range (°C)	Description	Tx (min/max) (dBm)	Rx (min/max) (dBm)	Substitute for Nokia/ALU® part #s
<b>GIGABIT ETHERNET</b>								
GES-CXX-80-ALU	1470 (xx=47) to 1610 (xx=61)	SMF	80	0 to 70	SFP 1000BASE-ZX CWDM 1xx0nm 80km, Nokia/ALU compatible	0.0 / 5.0	-29.0 / -7.0	3HE00070A(A~H 47-61)

\* 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