

PASSPORT DATA SHEET

Single Fiber Single Wavelength SFP



Champion ONE's single fiber single wavelength (SFSW) transceivers are designed for use in a single fiber CWDM system. These transceivers offer simplex transmission over a single strand of fiber using the standard CWDM grid.

*Champion ONE **Passport** transceivers are programmed for universal compatibility across multiple OEM platforms. This open methodology reduces costs and unlocks operational simplicity by reducing sparing costs.*

Technical Specifications

STANDARDS AND REGULATORY COMPLIANCE

RoHS compliant
SFP MSA (multi-source agreement)

PROTOCOLS AND DATA RATES

1G Ethernet LAN/WAN
1G Fibre Channel

CONNECTOR

Single LC/APC connector

WARRANTY

All feature a limited 5-year warranty

NOTES

Available in standard temperature (-5 to 75°C)
Available in industrial temperature (-40 to 85°C)
Up to 8 wavelengths CWDM transceivers
Uncooled CWDM DFB laser transmitter
100BASE-BX type application

C1 Part Number	Wavelength (nm)	Fiber Type	Rated Distance (km)	Temp Range (°C)	Hardened Option Available ²	Description	Output Power (min/max) (dBm)	Receiver Sensitivity (dBm)	Max. Input Power (dBm)
1G ETHERNET AND 1G FIBRE CHANNEL									
1000SFP1xx0B40R-SL	1470 - 1610nm (20nm spacing) (xx = 47 - xx = 61)	SMF	40	-5 to 75	Yes	Single Fiber Single Wavelength 40km, CWDM 1xx0nm	-7 to -2	-23	0

Notes:

- Hardened Option - operating temperature range is -40 to +85°C (-40 to +185°F). Optical specifications are the same. Part number has a "H" suffix.
Example: 1000SFP1490B40R-SL-H
- Current draw for hardened temperature range transceivers increases from ~300mA to 500mA