PASSPORT DATA SHEET

10G CWDM XFP

Champion ONE's XFP CWDM transceivers offer direct compatibility with existing switches and routers. These 10G optics can be used as part of a passive CWDM solution that enables network operators to cost-effectively expand their fiber capacity.

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 cost*s.

Technical Specifications

STANDARDS AND REGULATORY COMPLIANCE
RoHS compliant
XFP MSA (multi-source agreement)

PROTOCOLS AND DATA RATES
Product line supports the following protocols and data rates:
10G Ethernet LAN/WAN
10G Fibre Channel
SONET OC-192

CONNECTOR
Duplex LC connector

WARRANTY
All feature a limited 5-year warranty

NOTES
40km part available in extended temperature
(-40 - 85°C);
70km part available in standard temperature only
(0 to 70°C).

C1 Part Number	Wavelength (nm)	Fiber Type	Rated Distance (km)	Temp Range (°C)	Hardened Option Avalailable?*	Description	Output Power (min/max) (dBm)	Receiver Sensitivity (dBm)	Max. Input Power (dBm)
10G ETHERNET LAN AND WAN, OC-192, 10G FIBRE CHANNEL									
10GXFP1xx0CWDM40(-H)	1470-1610 (xx=47 - xx=61)	SMF	40	0 to 70	Yes	40km Multi-protocol 10G CWDM XFP 1xx0nm	0.0 to 4.0	-18	0
10GXFP1xx0CWDM70(-H)	1470-1610 (20nm spacing)	SMF	70	-5 to 70 (-40 to 85)	Yes	70km Multi-protocol 10G CWDM XFP 1xx0nm	0.0 to 3.0	-21	-9

*Hardened Option features extended temperature range (-40 to 85° C). All Optical specifications are the same. Part number adds "-H" suffix (e.g., 10GXFP1470CWDM40-H)

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

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