

PASSPORT DATA SHEET

10G CWDM SFP+



Champion ONE's SFP+ 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 costs.*

Technical Specifications

STANDARDS AND REGULATORY COMPLIANCE

RoHS compliant
SFP+ MSA (multi-source agreement)

PROTOCOLS AND DATA RATES

Product line supports the following protocols and data rates:
10G Ethernet ZR/ZW
10G Fibre Channel
9.1915G - 9.830G CPRI

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)	Hardened Option Available?	Description	Output Power (min/max) (dBm)	Receiver Sensitivity (dBm)	Max. Input Power (dBm)
10G ETHERNET, 10G FIBRE CHANNEL									
10GSFP+E1xx0CWDM40(-H)	1470-1610 (xx=47 - xx=61)	SMF	40	0 to 70 (-40 to 85)	Yes ¹	40km 10G CWDM SFP+ 1xx0nm	-2.0 to 4.0	-15.5	-1 ¹
10GSFP+E1xx0CWDM60(-H)	1270-1330 (xx=27 - xx=33)	SMF	60	0 to 70	No	60km 10G CWDM SFP+ 1xx0nm	0.0 to 5.0	-20	-6
10GSFP+E1xx0CWDM70(-H)	1470-1610 (xx=47 - xx=61)	SMF	70	0 to 70	Yes ¹	70km 10G CWDM SFP+ 1xx0nm	0.0 to 4.0	-23	-6
MULTI-RATE (9.1915G - 9.830G) CPRI									
10GSFP-CMRCxx-ER	1470-1610 (xx=47 - xx=61)	SMF	40	-40 to 85	-	9.1915G - 9.830G CPRI CWDM SFP+ 1xx0nm (20nm spacing), 40km, temperature-hardened	-2.0 to 4.0	-15.5	-1

Notes:

1. 10GSFP+E1xx0CWDM40-H has a maximum input power of 0.0 dB.

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

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