

PASSPORT DATA SHEET

10G Single Fiber SFP+



Champion ONE's SFP+ single fiber bi-directional (bidi) product line enables you to double network capacity without running new fiber. By utilizing a single strand of fiber for full-duplex circuits, our bidi solutions help you reduce test, turn up, and fiber lease costs.

*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
IEEE Std 802.3ae
SFP+ MSA (multi-source agreement)

PROTOCOLS AND DATA RATES

Product line supports the following protocols and data rates:
10G Ethernet LAN/WAN

CONNECTOR

Simplex LC connector

WARRANTY

All feature a limited 5-year warranty

C1 Part Number	Wavelength (nm) ¹	Fiber Type	Rated Distance (km)	Temp Range (°C)	Description	Output Power (min/max) (dBm)	Receiver Sensitivity (dBm)	Max. Input Power (dBm)
10G ETHERNET LAN AND WAN								
10GSFP+ExxB10L(-H)	1270Tx/1330Rx (xx=27) 1330Tx/1270Rx (xx=33)	SMF	10	0 to 70 (-40 to 85)	Single Fiber 10GE LAN and WAN, 10km, 1xx0nm (Temperature-Hardened)	-6 to -1	-14	0.5
10GSFP+ExxB20L(-H)	1270Tx/1330Rx (xx=27) 1330Tx/1270Rx (xx=33)	SMF	20	0 to 70 (-40 to 85)	Single Fiber 10GE LAN and WAN, 20km, 1xx0nm (Temperature-Hardened)	-4 to 3	-14	0.5
10GSFP+ExxB40L(-H)	1270Tx/1330Rx (xx=27) 1330Tx/1270Rx (xx=33)	SMF	40	0 to 70 (-40 to 85)	Single Fiber 10GE LAN and WAN, 40km, 1xx0nm (Temperature-Hardened)	1 to 6	-15	0.5
10GSFP+ExxB60L(-H)	1270Tx/1330Rx (xx=27) 1330Tx/1270Rx (xx=33)	SMF	60	-5 to 70 (-40 to 85)	Single Fiber 10GE LAN and WAN, 60km, 1xx0nm (Temperature-Hardened)	1 to 5	-20	-5
10GSFP+ExxB80L(-H)	1490Tx/1550Rx (xx=49) 1550Tx/1490Rx (xx=55)	SMF	80	0 to 70 (-40 to 85)	Single Fiber 10GE LAN and WAN, 80km, 1xx0nm (Temperature-Hardened)	0 to 5	-23	-6

1. Bidirectional (bidi) transceivers require book-ending or matched wavelength pairs for proper single fiber transmission, e.g., 1 each of 10GSFP+E27B10L and 10GSFP+E33B10L.