

PASSPORT DATA SHEET

100G CFP4



Champion ONE's 100G CFP4 optical transceivers offer direct compatibility with your existing switches and routers. This next-generation CFP offers lower power consumption than its predecessor, and its more compact form factor increases port density. Digital diagnostic functions are available via a MDIO interface, per the CFP MSA.

*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
CFP4 MSA (multi-source agreement)

PROTOCOLS AND DATA RATES

Product line supports the following protocols and data rates:
100G Ethernet (103.125 Gbps)
OTN OTU4 4I1-9D1F (112 Gbps)

CONNECTOR

MPO12 receptacle (SR4)
LC connector (LR4)

WARRANTY

All feature a limited 3-year warranty

NOTES

Available in standard temperature (0 to 70° C) only.
Includes MDIO digital diagnostics

C1 Part Number	Wavelength (nm)	Fiber Type	Rated Distance	Description	Avg. Launch Power per Lane (min/max) (dBm)	Avg. Rx Power per Lane (min/max) (dBm)	Max Power Consumption (W)
100G ETHERNET, OTN OTU4							
100GCFP4E-LR4	1294.53-1296.59 1299.02-1301.09 1303.54-1305.63 1308.09-1310.19	SMF	10km	Single-Rate 100GBase-LR4 CFP4 10km SMF LC/UPC connector	-4.3 / 4.5	-10.6 / 4.5	6
100GCFP4M-LR4	1294.53-1296.59 1299.02-1301.09 1303.54-1305.63 1308.09-1310.19	SMF	10km	Multi-Rate 100GBase-LR4/OTU4 CFP4 10km SMF LC/UPC connector	-4.3 / 4.5 (100GBase-LR4) -2.5 / 2.9 (OTU4)	-10.6 / 4.5 (100GBase-LR4) -8.8 / 2.9 (OTU4)	6

1. Requires FEC on the host to support maximum distance, per 100GBASE-SR4.