800.860.7466

100G CFP2

Champion ONE's 100G CFP2 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. Ditigal 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 cost*s.

Technical Specifications

STANDARDS AND REGULATORY COMPLIANCE
RoHS compliant
CFP2 MSA (multi-source agreement)

PROTOCOLS AND DATA RATES
100G Ethernet (103.125 Gbps)
OTN OTU4 4L1-9D1F (112 Gbps)

CONNECTOR
MPO connector (SR10)
LC connector (LR4, ER4)

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)
SINGLE RATE 100G ETHERNET, OTN OTU4							
100GCFP2E-SR10	850 (10x10Gb/s)	MMF	82m (OM2) 300m (OM3)	100GBase-SR10 CFP2, 82m/300m, MMF MPO connector	-5.0 / -1.0	-11.1 (OMA) / 0.5	4
100GCFP2E-LR4	1294.53-1296.59 1299.02-1301.09 1303.54-1305.63 1308.09-1310.19	SMF	10km	Single-Rate 100GBase-LR4 CFP2 10km SMF LC/UPC connector	-4.3 / 4.5	-10.6 / 4.5	8
100GCFP2E-ER4	1294.53-1296.59 1299.02-1301.09 1303.54-1305.63 1308.09-1310.19	SMF	40km	Single-Rate 100GBase-ER4 CFP2 40km SMF, LC/UPC connector	-2.9 / 2.9	-20.9 / 4.5	9
MULTI-RATE (100G ETHERNET, OTN OTU4)							
100GCFP2M-ER4	1294.53-1296.59 1299.02-1301.09 1303.54-1305.63 1308.09-1310.19	SMF	40km	Multi-Rate 100GBase-ER4/OTU4 CFP2 40km SMF, LC/UPC connector	100GBase-ER4: -2.9 / 2.9 ; OTU4: -2.7 / 2.9	100GBase-ER4L: -20.9 / 4.5 ; OTU4: -20.7 / 4.5	9

Accessories

CFP2-TO-QSFP28 ADAPTER

Champion ONE provides a CFP2-to-QSFP adapter that converts a 100G CFP2 port into a 100G QSFP28 port. This simple plug-and-play product gives customers the flexibility of using 100G QSFP28 modules in the 100G CFP2 interface port of a legacy switch.

FEATURES:

· CAUI-4 Electrical Interface: 4 lanes @25.78G per lane

· MDIO, I2C support

· Compliant to CFP2 MSA

· ROHS-6 compliant

· C-Temp (0 to 70° C)

CHAMPION ONE PART NUMBER:

CON-CFP2-QSFP28