C1 CHAMPION ONE™

800.860.7466

Dual Fiber XFP

Champion ONE's Dual Fiber XFP product line supports a variety of protocols over a wide range of distance and temperature options. These optics are fully MSA-compliant and offer direct compatibility with your existing switches and routers.

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)
IEEE Std 802.3
Fibre Channel Draft Physical Interface Specification
Compliant with SONET/SDH optical standards

PROTOCOLS AND DATA RATES
SONET OC-192
10G Ethernet LAN/WAN
10G Fibre Channel
ITU-T G.709
10GBASE LAN/WAN + FEC
10G FC and FEC

CONNECTOR
Duplex LC connector

WARRANTY
All feature a limited 5-year warranty

NOTES
Available in standard temperature: -5 to 70° C
Most parts available in industrial temperature ('temperature hardened'): -40 to 85° C

C1 Part Number	Transmit Wavelength (nm)	Fiber Type	Rated Distance (km)	Temp Range (°C)	Description	Output Power (min/max) (dBm)	Receiver Sensitivity (dBm)	Max. Input Power (dBm)
MULTI-RATE (10G ETHERNET, 10G FIBRE CHANNEL, SONET OC-192)								
10GXFP030	850	MMF	0.033 (OM1) 0.082 (OM2) 0.300 (OM3)	0 to 70	33m/82m/300m 10GBase-SR/SW, 10G FC XFP	-6.0 to -1.0	-10.0	0.5
10GXFP030-H	850	MMF	0.033 (OM1) 0.082 (OM2) 0.300 (OM3)	-40 to 85	33m/82m/300m 10GBase-SR/SW, 10G FC XFP, Temperature Hardened	-7.3 to -1.0	-11.0	-1.0
10GXFP10	1310	SMF	10	-5 to 70	10km 10GBase-LR/LW, 10G FC, OC-192 XFP	-6.0 to -1.0	-14.4	0.5
10GXFP10-H	1310	SMF	10	-40 to 85	10km 10GBase-LR/LW, 10G FC, OC-192 XFP, Temperature Hardened	-8.2 to 0.5	-12.6	0.5
10GXFP40(-H)	1550	SMF	40	-5 to 70 (-40 to 85)	40km 10GBase-ER/EW, 10G FC, OC-192 XFP (Temperature Hardened)	-1.0 to 4.0	-16.0	-1.0
10GXFP80(-H)	1550	SMF	80	0 to 70 (-40 to 85)	80km 10GBase-ZR/ZW, 10G FC, OC-192 XFP (Temperature Hardened)	0.0 to 4.0	-24.0	-7.0

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MULTI-RATE (10G ETHERNET, 10G FIBRE CHANNEL, SONET OC-192)								
10GXFP80R2(-H)	1550	SMF	80	0 to 70 (-40 to 85)	80km 10GBase-ZR/ZW, 10G FC, OC-192 XFP Rev 2 (Temperature Hardened)	-1.0 to 3.0	-24.0	-7.0
10GXFP120	1550	SMF	120[1]	-5 to 70	100-120km 10GBase-ZR/ZW, OC-192 Ext. Range XFP	0.0 to 4.0	-22.0[2]	-9.0

Notes:
1. 120km reach is dependent upon fiber quality.
2. 10GXFP120 has a 0 to +2400 ps/nm Dispersion Tolerance unlike 10GXFP80, which has a 3dB dispersion penalty. This reduces effective link budget to an 80km rating.