



# DUAL FIBER XFP

## KEY FEATURES AND BENEFITS

Champion ONE's Dual Fiber XFP product line supports a variety of protocols, including SONET, Ethernet, and Fibre Channel, over a wide range of distance and temperature options. In addition to offering unique solutions geared for your needs, Champion ONE works to ensure the highest level of quality by specifying the same optical parameters as your OEM switch and router provider, consistently adhering to the MSA (multi-source agreement) for XFPs.

Our carrier-grade XFP products also feature digital diagnostics, also known as digital optical monitoring (DOM), which is supported by the majority of switches and routers.

## 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: 0 to 70°C
- Most parts available in industrial temperature ('temperature hardened'): -40 to 85°C

C1 PN	Transmit Wavelength (nm)	Fiber Type	Rated Distance (km)	Temp Range (°C)	Hardened Option Available <sup>1</sup>	Description	Output Power (min/max) (dBm)	Receiver Sensitivity (dBm)	Max. Input Power (dBm)
<b>Multi-rate 10G Dual Fiber XFPs</b>									
10GXFP030	850	MMF	0.03	0 to 70	NO	30m 10GBase-SR/SW, 10G FC XFP	-5.0 to -1.0	-11.0	0.5
10GXFP10	1310	SMF	10	-5 to 70	YES	10km 10GBase-LR/LW, 10G FC, OC-192 XFP	-6.0 to -1.0	-14.4	0.5
10GXFP40	1550	SMF	40	-5 to 70	YES	40km 10GBase-ER/EW, 10G FC, OC-192 XFP	-1.0 to 2.0	-16.0	-1.0
10GXFP80	1550	SMF	80	-5 to 70	NO	80km 10GBase-ZR/LW, 10G FC, OC-192 XFP	0 to 4	-24.0	-7.0

## Notes:

1. Hardened Option - operating temperature range is -40 to +85°C (-40 to +185°F). Optical specifications are the same. Part number has a "H" suffix. Example: 10GXFP10-H

## SERVICE AND SUPPORT

Running a network or selling network services and products can be a highly competitive endeavor. To help differentiate your business and enable you to provide more cost effective infrastructure, you require a partner that provides competitive pricing and vertical market expertise. At Champion ONE we understand your needs. We leverage our skills and relationships to:

- Provide network design services and help you explore alternative network designs you may not have considered
- Provide technical and sales support when you need it
- Accept orders for same day shipment up to 5:00 PM EST
- Offer some of the longest warranties in the industry
- Offer a 30-day return policy
- Build a long-term supplier partnership with you

You can rely on Champion ONE, not only for the highest levels of availability for the products you need, but the technical support, customer service and cost consideration you deserve. Our goal is your complete satisfaction.

## GLOBAL HEADQUARTERS

Champion ONE  
 23645 Mercantile Road, Suite A  
 Beachwood, OH 44122  
 Phone: 800-860-7466  
 Fax: 216-831-2541  
 e-mail: sales@championone.net  
[www.championone.net](http://www.championone.net)

Champion ONE and the Champion ONE logo, are registered trademarks of Champion Optical Network Engineering, LLC. All other trademarks, service marks, registered marks, or registered service marks are the property of their respective owners. Champion ONE assumes no responsibility for any inaccuracies in this document. Champion ONE reserves the right to change, alter, or otherwise revise this document without notice.