



DWDM XFP

KEY FEATURES AND BENEFITS

Take your network farther with Champion ONE's XFP DWDM components, which offer direct replacement for OEM optics. This allows the use of fiber-conserving WDM solutions in standard switches and routers, eliminating the need for a separate optical transport device. Our DWDM XFPs are available in 40 standard ITU DWDM channels (channels 20-61[1528.77-1561.42 nm]). Champion ONE DWDM XFPs are multi-rate, capable of supporting 10G Ethernet for LAN and WAN, SONET OC-192, as well as 10G Fibre Channel. They also support FEC (if enabled by the port). DWDM XFP transceivers also feature digital diagnostics, also known as digital optical monitoring (DOM), which is supported by the majority of switch and router OEMs in their operating system software.

TECHNICAL SPECIFICATIONS

STANDARDS AND REGULATORY COMPLIANCE

- RoHS compliant
- IEEE Std 802.3ae
- Fibre Channel Draft Physical Interface Specification
- Compliant with SONET/SDH optical standards
- XFP MSA (multi-source agreement)

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 and 'hardened' temperature (-40 to 85C)

C1 PN	Transmit Wavelength (nm)	Fiber Type	Rated Distance (km)	Temp Range (°C)	Hardened Option Available ¹	Description	Output Power (min/max) (dBm)	Receiver Sensitivity (dBm)	Max. Input Power (dBm)
Multi-protocol 10G (10G LAN/WAN, 10G FC, OC-192, +FEC)									
10GXFPxx00DWDM40	1528.77 (ch. 61) to 1561.42 (ch. 20)	SMF	40	-5 to 70	Yes	Multi-rate DWDM XFP channel xx (ITU channel), 40km rated	-1 to 2	-16	-1
10GXFPxx00DWDM80	1528.77 (ch. 61) to 1561.42 (ch. 20)	SMF	80	-5 to 70	No	Multi-rate DWDM XFP channel xx (ITU ch.), 80km rated	-1 to 3	-24	-8

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: 10GXFP3200DWDM80-H

Supported Wavelengths/Channels	Wavelength	ITU Channel	Wavelength	ITU Channel	Wavelength	ITU Channel	Wavelength	ITU Channel
	1561.42	20	1552.52	31	1543.73	42	1535.04	53
	1560.61	21	1551.72	32	1542.94	43	1534.25	54
	1559.79	22	1550.92	33	1542.14	44	1533.47	55
	1558.98	23	1550.12	34	1541.35	45	1532.68	56
	1558.17	24	1549.32	35	1540.56	46	1531.90	57
	1557.36	25	1548.51	36	1539.77	47	1531.12	58
	1556.55	26	1547.72	37	1538.98	48	1530.33	59
	1555.75	27	1546.92	38	1538.19	49	1529.55	60
	1554.94	28	1546.12	39	1537.40	50	1528.77	61
1554.13	29	1545.32	40	1536.61	51			
1553.33	30	1544.53	41	1535.82	52			

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

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