

SUREPORT DATA SHEET

Cisco-Compatible 10G DWDM SFP+



Champion ONE's SFP+ DWDM transceivers offer direct compatibility with existing switches and routers. These optics can be used as part of a passive DWDM solution that enables network operators to cost-effectively expand their fiber capacity.

Champion ONE Sureport transceivers are programmed for one-to-one compatibility with your existing OEM platforms.

Technical Specifications

STANDARDS AND REGULATORY COMPLIANCE

RoHS compliant
IEEE Std 802.3ae
Fibre Channel Draft Physical Interface Specification
SFP+ MSA (multi-source agreement)
UL/CSA Class 3862.07 / 3862.87

PROTOCOLS AND DATA RATES

10G Ethernet
10G Fibre Channel
SONET/SDH
OTU2/OTU2e/OTU3

CONNECTOR

Duplex LC connector

WARRANTY

All feature a limited 5-year warranty

DIMENSIONS

8.5 x 13.4 x 56.5 mm ; 75 g

C1 Part Number	Wavelength (nm)	Fiber Type	Rated Distance (km)	Temp Range (°C)	Description	Tx (min/max) (dBm)	Rx (min/max) (dBm)	Substitute for Cisco® part #(s)
MULTI-PROTOCOL 10G (10G LAN/WAN, 10G FC, OC-192, + FEC)								
10GS-Dxx-40-CSC	1528.77 (xx = ch. 61) - 1561.42 (xx = ch. 20)	SMF	40	0 to 70	SFP+ 10GBASE-ER DWDM CHxx 40km, Cisco Systems compatible	-1.0 / 3.0	-15.8 / 0.5	***C1 Exclusive***
10GS-Dxx-80-CSC	1528.77 (xx = ch. 61) - 1561.42 (xx = ch. 20)	SMF	80	0 to 70	SFP+ 10GBASE-ZR DWDM CHxx 80km, Cisco Systems compatible	-1.0 / 3.0	-23.0 / -7.0	DWDM-SFP10G-wx.yz

* Parts are intended as one-to-one replacements. Please verify that the OEM part number is compatible with your system before ordering. If you have questions regarding specific switches and routers, please contact your Champion ONE sales representative for support. In most cases, a customized solution can be developed to meet your needs.

Supported Wavelengths/Channels	Frequency (THz)	Center Wavelength (nm)	ITU Channel	Supported Wavelengths/Channels	Frequency (THz)	Center Wavelength (nm)	ITU Channel	Supported Wavelengths/Channels	Frequency (THz)	Center Wavelength (nm)	ITU Channel	Supported Wavelengths/Channels	Frequency (THz)	Center Wavelength (nm)	ITU Channel
	191.10	1568.77	11		192.40	1558.17	24		193.70	1547.72	37		194.95	1537.79	49.5
	191.15	1568.36	11.5		192.45	1557.77	24.5		193.75	1547.32	37.5		195.00	1537.40	50
	191.20	1597.95	12		192.50	1557.36	25		193.80	1546.92	38		195.05	1537.00	50.5
	191.25	1567.54	12.5		192.55	1556.96	25.5		193.85	1546.52	38.5		195.10	1536.61	51
	191.30	1567.13	13		192.60	1556.55	26		193.90	1546.12	39		195.15	1536.22	51.5
	191.35	1566.72	13.5		192.65	1556.15	26.5		193.95	1545.72	39.5		195.20	1535.82	52
	191.40	1566.31	14		192.70	1555.75	27		194.00	1545.32	40		195.25	1535.43	52.5
	191.45	1565.90	14.5		192.75	1555.34	27.5		194.05	1544.92	40.5		195.30	1535.04	53
	191.50	1565.50	15		192.80	1554.94	28		194.10	1544.53	41		195.35	1534.64	53.5
	191.55	1565.09	15.5		192.85	1554.54	28.5		194.15	1544.13	41.5		195.40	1534.25	54
	191.60	1564.68	16		192.90	1554.13	29		194.20	1543.73	42		195.45	1533.86	54.5
	191.65	1564.27	16.5		192.95	1553.73	29.5		194.25	1543.33	42.5		195.50	1533.47	55
	191.70	1563.86	17		193.00	1553.33	30		194.30	1542.94	43		195.55	1533.07	55.5
	191.75	1563.45	17.5		193.05	1552.93	30.5		194.35	1542.54	43.5		195.60	1532.68	56
	191.80	1563.05	18		193.10	1552.52	31		194.40	1542.14	44		195.65	1532.29	56.5
191.85	1562.64	18.5	193.15	1552.12	31.5	194.45	1541.75	44.5	195.70	1531.90	57				
191.90	1562.23	19	193.20	1551.72	32	194.50	1541.35	45	195.75	1531.51	57.5				
191.95	1561.83	19.5	193.25	1551.32	32.5	194.55	1540.95	45.5	195.80	1531.12	58				
192.00	1561.42	20	193.30	1550.92	33	194.60	1540.56	46	195.85	1530.72	58.5				
192.05	1561.01	20.5	193.35	1550.52	33.5	194.65	1540.16	46.5	195.90	1530.33	59				
192.10	1560.61	21	193.40	1550.12	34	194.70	1539.77	47	196.95	1529.94	59.5				
192.15	1560.20	21.5	193.45	1549.72	34.5	194.75	1539.37	47.5	196.00	1529.55	60				
192.20	1559.79	22	193.50	1549.32	35	194.80	1538.98	48	196.05	1529.16	60.5				
192.25	1559.39	22.5	193.55	1548.91	35.5	194.85	1538.58	48.5	196.10	1528.77	61				
192.30	1558.98	23	193.60	1548.51	36	194.90	1538.19	49	196.15	1528.38	61.5				
192.35	1558.58	23.5	193.65	1548.11	36.5										