

10G SFP+ DWDM TRANSCEIVER



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Nexconec 10G SFP+ DWDM Transceivers operate at a single wavelength which ranging from 1563.86nm to 1528.77nm on single mode fiber and cover wide various applications and distances: DWDM ER, DWDM ZR for data centers, metro network, wireless and transmission network.

FEATURES

- ✓ Up to 11.3Gbps Data Links
- ✓ Metal enclosure, for lower EMI
- ✓ Single +3.3V power supply
- ✓ Hot-pluggable
- ✓ Compliant with SFP+ MSA with LC connector
- ✓ Operating temperature range: Standard: 0 to +70°C, Industrial: -40 to +85°C
- ✓ RoHS Compliant
- ✓ 2-wire interface with integrated Digital Diagnostic monitoring
- ✓ Compliant with MSA SFP+ specification(SFF-8431), SFF-8472, SFP+ MSA
- ✓ Compliant to IEEE 802.3ae

APPLICATIONS

- ✓ 10GBASE-ER/EW, 10G Ethernet, SDH STM64

WAVELENGTH SELECTION

Channel	Wavelength (nm)	Frequency (THZ)	Channel	Wavelength (nm)	Frequency (THZ)
17	1563.86	191.7	40	1545.32	194.0
18	1563.05	191.8	41	1544.53	194.1
19	1562.23	191.9	42	1543.73	194.2
20	1561.42	192.0	43	1542.94	194.3
21	1560.61	192.1	44	1542.14	194.4
22	1559.79	192.2	45	1541.35	194.5
23	1558.98	192.3	46	1540.56	194.6
24	1558.17	192.4	47	1539.77	194.7
25	1557.36	192.5	48	1538.98	194.8
26	1556.55	192.6	49	1538.19	194.9
27	1555.75	192.7	50	1537.40	195.0
28	1554.94	192.8	51	1536.61	195.1
29	1554.13	192.9	52	1535.82	195.2
30	1553.33	193.0	53	1535.04	195.3
31	1552.52	193.1	54	1534.25	195.4
32	1551.72	193.2	55	1533.47	195.5
33	1550.92	193.3	56	1532.68	195.6
34	1550.12	193.4	57	1531.90	195.7
35	1549.32	193.5	58	1531.12	195.8
36	1548.51	193.6	59	1530.33	195.9
37	1547.72	193.7	60	1529.55	196.0
38	1546.92	193.8	61	1528.77	196.1
39	1546.12	193.9	-	-	-

SPECIFICATIONS

Part Number	Package	Data Rate	Wavelength	Reach	TX	RX	Connector	TX Power	RX Sensitivity
NX-XP-Q2G10-20	SFP+	10G	* C17-C61	20km	DFB DWDM	PIN	LC	-6~0.5dBm	-14.4dBm
NX-XP-Q2G10-40	SFP+	10G	* C17-C61	40km	EML DWDM	PIN	LC	-1~3dBm	-16dBm
NX-XP-Q2G10-80	SFP+	10G	* C17-C61	80km	EML DWDM	APD	LC	-1~4dBm	-23dBm

ORDER INFORMATION

Part Number	Product Description
NX-XP-Q2G10-20AA-xx	10G SFP+ DWDM Transceiver LC Duplex **AA nm 20km
NX-XP-Q2G10-40AA-xx	10G SFP+ DWDM Transceiver LC Duplex **AA nm 40km
NX-XP-Q2G10-80AA-xx	10G SFP+ DWDM Transceiver LC Duplex **AA nm 80km

Notes

- * Please select one single wavelength in the wavelength range for each transmitting distance.
- **AA represents the working wavelength (Channel Number) which is selected.
- Add "F" after Transmission Distance at the end in the Part Number for Industrial Grade. (Example: NX-XP-Q2G10-20AA**F**-xx).
- Where "xx" denotes compatibility short codes. (xx = CI for Cisco, xx = DL for DELL etc.)
- Compatible Short codes are as follows:

Short codes	Value	Short codes	Value
CI	Cisco	HW	Huawei
ML	Mellanox	DK	D-Link
MK	Mikrotik	HC	H3C
JP	Juniper	CN	Ciena
BR	Brocade	EC	Edge-Core
DL	DELL	AL	Alcatel-Lucent
FT	Fortinet		