

Optical / Copper Transceivers

Application

Transport - OTN, PTN, WDM...

Data Center - 40/100/400G, DCI, AOC, CWDM4...

Wireless - 2G, 3G, 4G, 5G, RRH, BBU, AU, DU, CU...

Product Selection Guide

Rate	Distance	Wavelength	Fiber	Format
<ul style="list-style-type: none"> • 155M • 1.25G • 2.5G • 8G • 10G • 25G • 40G • 100G 	<ul style="list-style-type: none"> • 300M • 550M • 10KM • 20KM • 40KM • 80KM • 100KM • 120KM 	<ul style="list-style-type: none"> • 1310nm • 1490nm • 1550nm • CWDM • DWDM • LWDM 	<ul style="list-style-type: none"> • Dual-Fiber • Single-Fiber 	<ul style="list-style-type: none"> • SFP • SFP+ • SFP28 • QSFP+ • QSFP28

Product List

No	P/N	Description
Copper Optical Transceivers		
1	SF-T12-02-4	Copper 10/100/1000BaseT SFP, Configurable
2	SF-T12-02-1	Copper 1000BaseT SFP, 1.25Gbps
3	XP-T96-02-2	Copper 10GBaseT SFP+
Duplex Optical Transceivers		
1	SF-1312-10D	Duplex SFP, 1.25Gbps, Wavelength: 1310nm, LX, (5dB), 10KM
2	SF-8512-02D	Duplex SFP, 1.25Gbps, Wavelength: 850nm (5dB), 300M
3	SF-1324-02D	Duplex SFP, 2.5Gbps, Wavelength: 1310nm, 2KM
4	XP-8596-02D	Duplex SFP+, 11.1Gbps, Wavelength: 850nm (2dB), 300M
5	XP-1396-10D	Duplex SFP+, 11.1Gbps, Wavelength: 1310nm (7dB), 10KM
6	XP-1596-40D	Duplex SFP+, 11.1Gbps, Wavelength: 1550nm (12dB)
7	XP-1596-80D	Duplex SFP+, 11.1Gbps, Wavelength: 1550nm (24dB)
8	XF-8596-02D	Duplex XFP, 11.1Gbps, Wavelength: 850nm (2dB), 300M
9	XF-1396-10D	Duplex XFP, 11.1Gbps, Wavelength: 1310nm (7dB), 10KM
10	XF-1596-40D	Duplex XFP, 11.1Gbps, Wavelength: 1550nm (12dB), 40KM
11	XF-1596-80D	Duplex XFP, 11.1Gbps, Wavelength: 1550nm (24dB), 80KM

CWDM Optical Transceivers		
1	SF-CXX12-40D	CWDM SFP, 1.25Gbps, Wavelength: 1270nm-1611nm, 40KM
2	SF-CXX12-80D	CWDM SFP, 1.25Gbps, Wavelength: 1270nm-1610nm, 80KM
3	SF-CXX12-C0D	CWDM SFP, 1.25Gbps, Wavelength: 1270nm-1610nm, 120KM
4	SF-CXX12-F0D	CWDM SFP, 1.25Gbps, Wavelength: 1470nm-1610nm, 160KM
5	SF-CXX24-C0D	CWDM SFP, 2.5Gbps, Wavelength: 1270nm-1610nm, 80KM
6	XP-CXX96-10D	CWDM SFP+, 11.1Gbps, Wavelength: 1470-1610nm, 10KM
6	XP-CXX96-40D	CWDM SFP+, 11.1Gbps, Wavelength: 1470-1610nm, 40KM
7	XP-CXX96-80D	CWDM SFP+, 11.1Gbps, Wavelength: 1470-1610nm (22dB)
8	XF-CXX96-40D	CWDM XFP, 11.1Gbps, Wavelength: 1470-1610nm (12dB)
9	XF-CXX96-80D	CWDM XFP, 11.1Gbps, Wavelength: 1470-1610nm (22 dB)
DWDM Optical Transceivers		
1	XP-DXX96-80D	DWDM SFP+, 11.1Gbps, Wavelength: 1530nm-1560nm (22dB)
2	XF-DXX96-80D	DWDM XFP, 11.1Gbps, Wavelength: 1530nm-1560nm (22dB)
3	XP-DWT96-80D	DWDM Tunable SFP+, 11.1Gbps, Wavelength: 1530nm-1560nm (22dB)
4	XF-DWT96-80D	DWDM Tunable XFP, 11.1Gbps, Wavelength: 1530nm-1560nm (22dB)
BIDI Optical Transceivers		
1	SF-BL3412-20D	GE-BIDI SFP, 1.25Gbps, Wavelength: Tx1310nm / Rx1490nm, 20KM
2	SF-BL4312-20D	GE-BIDI SFP, 1.25Gbps, Wavelength: Tx1490nm / Rx1310nm, 20KM
3	SF-BL3512-20D	GE-BIDI SFP, 1.25Gbps, Wavelength: Tx1310nm / Rx1550nm, 20KM
4	SF-BL5312-20D	GE-BIDI SFP, 1.25Gbps, Wavelength: Tx1550nm / Rx1310nm, 20KM
5	SF-BL3412-40D	GE-BIDI SFP, 1.25Gbps, Wavelength: Tx1310nm / Rx1490nm, 40KM
6	SF-BL4312-40D	GE-BIDI SFP, 1.25Gbps, Wavelength: Tx1490nm / Rx1310nm, 40KM
7	SF-BL3512-40D	GE-BIDI SFP, 1.25Gbps, Wavelength: Tx1310nm / Rx1550nm, 40KM
8	SF-BL5312-40D	GE-BIDI SFP, 1.25Gbps, Wavelength: Tx1550nm / Rx1310nm, 40KM
9	SF-BL3412-80D	GE-BIDI SFP, 1.25Gbps, Wavelength: Tx1310nm / Rx1490nm, 80KM
10	SF-BL4312-80D	GE-BIDI SFP, 1.25Gbps, Wavelength: Tx1490nm / Rx1310nm, 80KM
11	SF-BL3512-80D	GE-BIDI SFP, 1.25Gbps, Wavelength: Tx1310nm / Rx1550nm, 80KM
12	SF-BL5312-80D	GE-BIDI SFP, 1.25Gbps, Wavelength: Tx1550nm / Rx1310nm, 80KM
13	SF-BL5412-C0D	GE-BIDI SFP, 1.25Gbps, Wavelength: Tx1550nm / Rx1490nm, 120KM
14	SF-BL4512-C0D	GE-BIDI SFP, 1.25Gbps, Wavelength: Tx1490nm / Rx1500nm, 120KM
15	XPBL-273396-20D	10G-BIDI SFP+, 11.1Gbps, Wavelength: Tx1270nm / Rx1330nm, 20KM
16	XPBL-332796-20D	10G-BIDI SFP+, 11.1Gbps, Wavelength: Tx1330nm / Rx1330nm, 20KM
17	XPBL-273396-40D	10G-BIDI SFP+, 11.1Gbps, Wavelength: Tx1270nm / Rx1330nm, 40KM
18	XPBL-332796-40D	10G-BIDI SFP+, 11.1Gbps, Wavelength: Tx1330nm / Rx1330nm, 40KM
19	XPBL-273396-60D	10G-BIDI SFP+, 11.1Gbps, Wavelength: Tx1270nm / Rx1330nm, 60KM
20	XPBL-332796-60D	10G-BIDI SFP+, 11.1Gbps, Wavelength: Tx1330nm / Rx1330nm, 60KM
21	XPBL-495596-80D	10G-BIDI SFP+, 11.1Gbps, Wavelength: Tx1490nm / Rx1550nm, 80KM
22	XPBL-554996-80D	10G-BIDI SFP+, 11.1Gbps, Wavelength: Tx1550nm / Rx1490nm, 80KM
23	XFBL-273396-20D	10G-BIDI XFP, 11.1Gbps, Wavelength: Tx1270nm / Rx1330nm, 20KM
24	XFBL-332796-20D	10G-BIDI XFP, 11.1Gbps, Wavelength: Tx1330nm / Rx1330nm, 20KM

25	XFBL-273396-40D	10G-BIDI XFP, 11.1Gbps, Wavelength: Tx1270nm / Rx1330nm, 40KM
26	XFBL-332796-40D	10G-BIDI XFP, 11.1Gbps, Wavelength: Tx1330nm / Rx1330nm, 40KM
27	XFBL-273396-60D	10G-BIDI XFP, 11.1Gbps, Wavelength: Tx1270nm / Rx1330nm, 60KM
28	XFBL-332796-60D	10G-BIDI XFP, 11.1Gbps, Wavelength: Tx1330nm / Rx1330nm, 60KM
29	XFBL-495596-80D	10G-BIDI XFP, 11.1Gbps, Wavelength: Tx1490nm / Rx1550nm, 80KM
30	XFBL-554996-80D	10G-BIDI XFP, 11.1Gbps, Wavelength: Tx1550nm / Rx1490nm, 80KM
100G Optical Transceivers		
1	QXP29B4-10D	100Gbase LR4 QSFP28, SMF, 1310nm, 10KM, LC
2	QXP29B4-30D	100Gbase ER4L QSFP28, SMF, 1310nm, 30KM, LC
3	QXP29B4-40D	100Gbase ER4L QSFP28, SMF, 1310nm, 40KM, LC
4	QXP29B4-40D-3	100Gbase ER4 QSFP28, SMF, 1310nm, 40KM, LC
5	QXP29B4-80D	100Gbase ZR4 QSFP28, SMF, 1310nm, ZR4, LC, 80KM
6	AQP85B4-003	100G-100G AOC MM 850nm, 3m
40G Optical Transceivers		
1	QXP27A4-10D	40GBASE-LR4 QSFP+, 1310nm,10KM
2	QXP27A4-30D	40GBASE-ER4 lite QSFP+, 1310nm,30KM
3	AQP85A4-003	40G QSFP+ AOC MM, 850nm, 3m

Please contact sales@firstmile.com.cn for detail.

Appendix 1

CWDM SFP module wavelength and part number comparison table:

Part Number XX	Wavelength	Clasp Color Code	Part Number XX	Wavelength	Clasp Color Code
27	1270 nm	Gray	45	1450 nm	Brown
29	1290 nm	Gray	47	1470 nm	Gray
31	1310 nm	Gray	49	1490 nm	Purple
33	1330 nm	Purple	51	1510 nm	Blue
35	1350 nm	Blue	53	1530 nm	Green
37	1370 nm	Green	55	1550 nm	Yellow
39	1390 nm	Yellow	57	1570 nm	Orange
41	1410 nm	Orange	59	1590 nm	Red
43	1430 nm	Red	61	1610 nm	Brown