

# Recommended Optics

Accurate as of: 18-Dec-23

For a current list, please contact your local sales representative or the VIAVI Technical Assistance Center. For the MSAM, CSAM, and T-BERD/MTS-5800, please refer to revision 52 of this list.

T-BERD/MTS-4800, -5800, MAP-2100, and OneAdvisor -800, -1000



21128094 Rev. 056

Test Application	4800	5800v2	5800-100G / MAP-2100 / ONA-1000 100G	ONA-1000 400G	ONA-800 400G	VIAVI Part Number	Description	Manufacturer	Manufacturer Part Number	Active
C37.94		✓				CSFP-2M-8-1	SFP+ C37.94, 850 NM, 2km, MM	Coretek	CT-0155NSP-SB2LE 2M	✓
		✓				CSFP-2M-3-1	SFP+ C37.94, 1310 NM, 2km, SM	Coretek	CT-0155TSP-MB5LE 2M	✓
Electrical Ethernet	✓	✓	✓			CSFP-1G-CU	SFP 10/100/1000M Electrical RJ45	Coherent (Finisar)	FCLF8521P2BTL	✓
		✓	✓			CSFPPLUS-10G-CU	SFP+ 10GBASE-T Electrical RJ45	Methodie FS.com	FCLF-8521-3 DM7051 SFP-10G-T-AQ20	✓
100M Optical (100BaseFX)	✓	✓				CSFP-100M-3-1	SFP 100M, 1310nm, 2km, MM	Coherent (Finisar)	FTLF1217P2BTL	✓
		✓				CSFP-100M-3-2	SFP 100M, 1310nm, 10km, SM	Source Photonics	SP-FE-FX-CDFM	
		✓						Source Photonics	SP-FE-FX-CDFM	
		✓						Source Photonics	SP-FE-LX-CDFH	
		✓						APAC Opto	LM28-A3S-TC-N-DD	✓
		✓						OE Solutions	RSP12SV5-ST1	✓
		✓						OE Solutions	RSP12SV5-IT1	✓
		✓						OE Solutions	RSP12MV5-ST1	✓
		✓						OE Solutions	RSP12MV5-IT1	✓
100Meth BiDirectional Optical (100BaseBX)	✓	✓				CSFP-100M-35-1B	SFP BiDi 100M, TX1310nm, RX1550nm, 10km, SM	OE Solutions	RBTFSLX-ST3	
	✓	✓				CSFP-100M-53-1B	SFP BiDi 100 M, TX1550nm, RX1310nm, 10km, SM	Source Photonics	FTM-9912C-SL20G	
622M/155M (OC-12/STM-4 & OC-3/STM-1) SONET/SDH		✓	✓			CSFP-622M-3-1	SFP 155M - 622M, 1310nm, 15km, IR1	Coherent (Finisar)	FTLF1322P1BTR	✓
			✓					Coherent (Finisar)	FTRJ1322P1BTR	
			✓					Oclaro	TRF5526AVLB300	
			✓					Lumentum	SFP-PL2LKT5DCA	
			✓					Coherent (Finisar)	FTLF1522P1BTL	✓
			✓					Coherent (Finisar)	FTRJ1522P1BTL	
			✓					Foundry Networks	FTLF1522P1BTL-F1	
			✓					Source Photonics	SP-12-LR2-CDFM	✓
			✓					OE Solutions	RSP06SL2-ST5	✓
1G Ethernet & 1G Fiber Channel	✓	✓	✓			CSFP-1G-CWDM-1271	SFP 1G Ethernet & 1G FC, 1271nm, 80km	OE Solutions	RCP12SZX-S27	✓
	✓	✓	✓			CSFP-1G-CWDM-1291	SFP 1G Ethernet & 1G FC, 1291nm, 80km	OE Solutions	RCP12SZX-S29	✓
	✓	✓	✓			CSFP-1G-CWDM-1311	SFP 1G Ethernet & 1G FC, 1311nm, 80km	OE Solutions	RCP12SZX-S31	✓
	✓	✓	✓			CSFP-1G-CWDM-1331	SFP 1G Ethernet & 1G FC, 1331nm, 80km	OE Solutions	RCP12SZX-S33	✓
	✓	✓	✓			CSFP-1G-CWDM-1351	SFP 1G Ethernet & 1G FC, 1351nm, 80km	OE Solutions	RCP12SZX-S35	✓
	✓	✓	✓			CSFP-1G-CWDM-1371	SFP 1G Ethernet & 1G FC, 1371nm, 80km	OE Solutions	RCP12SZX-S37	✓
	✓	✓	✓			CSFP-1G-CWDM-1431	SFP 1G Ethernet & 1G FC, 1431nm, 80km	OE Solutions	RCP12SZX-S43	✓
	✓	✓	✓			CSFP-1G-CWDM-1451	SFP 1G Ethernet & 1G FC, 1451nm, 80km	OE Solutions	RCP12SZX-S45	✓
1G Ethernet, 1G/2G Fiber Channel 614M / 1.2G CPRI & 1.5G / 768M OBSAI	✓	✓	✓			CSFP-2G-8-1	SFP 1G Ethernet & 2G/1G Fiber Channel, 850nm, 300m, SX 1.2G/614M CPRI, 1.5G/768M OBSAI	Lumentum	PLRXPL-VI-S24-22	
		✓	✓					Coherent (Finisar)	FTRJ8519P1BNL	
		✓	✓					Coherent (Finisar)	FTLF8519P2BNL	
		✓	✓					Coherent (Finisar)	FTLF8519P3BNL	✓
		✓	✓					Lumentum	JSH-12L1DD1	
		✓	✓					Lumentum	JSH-21L3AR3	
		✓	✓					Coherent (Finisar)	FTRJ1319P1BTL	
		✓	✓					Coherent (Finisar)	FTLF1319P1BTL	
		✓	✓					Gigalight	GP-314G-L1CD	✓
1G Ethernet, 614M/1.2G CPRI, 768M/1.5G OBSAI Bi-Directional Optical (100BaseBX)	✓	✓	✓			CSFP-2G-5-1	SFP 1G Ethernet & 2G/1G Fiber Channel, 1550nm, 80km, ZX 1.2G/614M CPRI, 1.5G/768M OBSAI	Lumentum	SFP-G12LKT5DCA	✓
		✓	✓					Coherent (Finisar)	FTLF1519P1BCL	✓
	✓	✓	✓			CSFP-1G-35-1B	SFP BiDi 1G Ethernet, 614M/1.2G CPRI, 768M/1.5G OBSAI, TX1310nm, RX1550nm, 10km, SM	OE Solutions	RBT12SLX-ST3	✓
	✓	✓	✓			CSFP-1G-53-1B	SFP BiDi 1G Ethernet, 614M/1.2G CPRI, 768M/1.5G OBSAI, TX1550nm, RX1310nm, 10km, SM	OE Solutions	RBT12SLX-ST5	✓
2.5G SONET/SDH, 622M/155M SONET/SDH (OC-48/STM-16, OC-12/STM-4, OC-3/STM-1) 1G Ethernet, OTN, 3.072G OBSAI			✓			CSFP-2G5-3-1	SFP 155M - 3.1G & 1G Ethernet & 2G/1G FC, 1310nm, 40km, LR1 3.072G/2.4G/1.2G/614M CPRI, 3.072G/1.5G/768M OBSAI	Accelink	RTXM192-452	✓
			✓					Accelink	RTXM192-452-C93	✓
			✓					Coherent (Finisar)	FTLF1721P1BCL	
			✓					Coherent (Finisar)	FTLF1721P2BCL	
			✓					Molex/Oplink	TRPE48HL1CVIAE2G	✓
			✓					Lumentum	CT2-ML1LBT31C1	
			✓					Coherent (Finisar)	FTRJ1721P1BCL	
			✓					Molex/Oplink	TRPA48L1HBRM	✓
			✓					Lumentum	SFP-ML2LCT5DCA	
		✓					Lumentum	SFP-ML2LKT5DCA		
		✓					Molex/Oplink	TRPE48L2CVIAE2G	✓	
		✓					Coherent (Finisar)	FTLF1621P1BCL	✓	
		✓					Lumentum	CT2-ML2LBT51C4		
		✓					Coherent (Finisar)	FTLF1621P2BCL		
		✓					Foundry Networks	FTLF1621P2BCL-F1		
		✓					Coherent (Finisar)	FTRJ1621P1BCL		
		✓					Molex/Oplink	TRPE48L2CVIAE2G	✓	
		✓					Molex/Oplink	TRXA48L2HBWM		

Test Application	4800	5800v2	5800-100G / MAP-2100 / ONA 1000 100G	ONA-1000 400G	ONA-800 400G	VIAVI Part Number	Description	Manufacturer	Manufacturer Part Number	Active
2.5G SONET/SDH, 622M/155M SONET/SDH (OC-48/STM-16, OC-12/STM-4, OC-3/STM-1) 1G Ethernet, OTN, 3.072G OBSAI		✓	✓			CSFP-2G5-5-2	SFP 155M - 2.7G & 1G Ethernet & 2G/1G FC, 1550nm, 15km, IR2	Lumentum	SFP-MI2LKT5DCA	
								Lumentum	CT2-MI2LBDT53C2	
								Molex/Oplink	TRPE48E2IVIAE2G	✓
								Coherent (Finisar)	FTL1521P1BCL	✓
								Coherent (Finisar)	FTL1521P1BCL	
2.5G SONET/SDH, 622M/155M SONET/SDH (OC-48/STM-16, OC-12/STM-4, OC-3/STM-1) 1G Ethernet, 100BASE-X, OTN & 3.072G Optical CWDM		✓	✓			CSFP-2G7-CWDM-1	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1471nm, 80km	OE Solutions	RCP31ML2-S47	✓
		✓	✓			CSFP-2G7-CWDM-2	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1491nm, 80km	OE Solutions	RCP31ML2-S49	✓
		✓	✓			CSFP-2G7-CWDM-3	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1511nm, 80km	Lumentum	SFP-ML2LCC47DCA	
		✓	✓			CSFP-2G7-CWDM-4	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1531nm, 80km	OE Solutions	RCP31ML2-S51	✓
		✓	✓			CSFP-2G7-CWDM-5	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1551nm, 80km	Lumentum	SFP-ML2LCC51DCA	
		✓	✓			CSFP-2G7-CWDM-6	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1571nm, 80km	OE Solutions	RCP31ML2-S53	✓
		✓	✓			CSFP-2G7-CWDM-7	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1591nm, 80km	Lumentum	SFP-ML2LCC53DCA	
		✓	✓			CSFP-2G7-CWDM-8	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1611nm, 80km	OE Solutions	RCP31ML2-S55	✓
		✓	✓					Lumentum	SFP-ML2LCC55DCA	
		✓	✓					OE Solutions	RCP31ML2-S57	✓
		✓	✓					Lumentum	SFP-ML2LCC57DCA	
		✓	✓					OE Solutions	RCP31ML2-S59	✓
2.5G SONET/SDH, 622M/155M SONET/SDH (OC-48/STM-16, OC-12/STM-4, OC-3/STM-1) 1G Ethernet, 100BASE-X, OTN & 3.072G Optical DWDM		✓	✓			CSFP-3G1-DWDM-23	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1558.98nm, 120km	Lumentum	SFP-DA21CS00C-23	
		✓	✓			CSFP-3G1-DWDM-25	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1557.36nm, 120km	Lumentum	SFP-DA21CS00C-25	
		✓	✓			CSFP-3G1-DWDM-27	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1555.75nm, 120km	Lumentum	SFP-DA21CS00C-27	
		✓	✓			CSFP-3G1-DWDM-31	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1552.52nm, 120km	Lumentum	SFP-DA21CS00C-31	
		✓	✓			CSFP-3G1-DWDM-33	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1550.92nm, 120km	Lumentum	SFP-DA21CS00C-33	
		✓	✓			CSFP-3G1-DWDM-35	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1549.32nm, 120km	Lumentum	SFP-DA21CS00C-35	
		✓	✓			CSFP-3G1-DWDM-37	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1547.72nm, 120km	Lumentum	SFP-DA21CS00C-37	
		✓	✓			CSFP-3G1-DWDM-45	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1541.35nm, 120km	Lumentum	SFP-DA21CS00C-45	
		✓	✓			CSFP-3G1-DWDM-47	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1539.77nm, 120km	Lumentum	SFP-DA21CS00C-47	
		✓	✓			CSFP-3G1-DWDM-49	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1538.19nm, 120km	Lumentum	SFP-DA21CS00C-49	
		✓	✓			CSFP-3G1-DWDM-53	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1535.04nm, 120km	Lumentum	SFP-DA21CS00C-53	
		✓	✓			CSFP-3G1-DWDM-55	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1533.47nm, 120km	Lumentum	SFP-DA21CS00C-55	
	✓	✓			CSFP-3G1-DWDM-59	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1530.33nm, 120km	Lumentum	SFP-DA21CS00C-59		
4G / 2G / 1G Fiber Channel, 1G Ethernet, 3.072G / 2.4G / 1.2G / 614M CPRI, 3.072G/1.5G/768M OBSAI	✓	✓	✓			CSFP-4G-8-1	SFP 4G/2G/1G Fiber Channel & 1G Ethernet, 850nm, 150-500m, SX 3.072G/2.4G/1.2G/614M CPRI, 3.072G/1.5G/768M OBSAI	Lumentum	PLRXPL-VE-SG4-62	
								Broadcom (Avago)	AFBR-57R5APZ	✓
								Coretek	CT-4250NSP-SB1L-D	
								Coherent (Finisar)	FTL1424P2BNV	✓
								Gigalight	GP-314G-L1CD	
								Lumentum	JSH-42L4DD1	
	✓	✓	✓			CSFP-4G-3-1	SFP 4G/2G/1G Fiber Channel & 1G Ethernet, 1310nm, 5km @ 4G FC, 10km < 4G, 3.072G/2.4G/1.2G/614M CPRI, 3.072G/1.5G/768M OBSAI	Coherent (Finisar)	FTL1424P2BCD	✓
	✓	✓	✓			CSFP-4G-3-2	SFP 4G/2G/1G Fiber Channel & 1G Ethernet, 1310nm, 20km, LX 3.072G/2.4G/1.2G/614M CPRI, 3.072G/1.5G/768M OBSAI	Lumentum	JSH-42L3AD3-20	
								Coherent (Finisar)	FTL1424P2BCV	✓
10G SONET/SDH (OC-192/STM-64), 10G Ethernet, 8G/10G Fiber Channel, OTN & CWDM, 9.8G CPRI		✓	✓			CSFPPLUS-10G-T-1	SFP+ 9.95G - 11.3G & 10G Ethernet & 8G/10G FC, 50GHz C-Band tunable, 80km, LR2, APD, 9.8G CPRI	Lumentum	JST01TMAC1CY5GE2	
								Lumentum	JST01TMAC1CY5GE3	
	✓	✓	✓			CSFPPLUS-1G-10G-T-1	SFP+ 1G - 11.3G & 10G Ethernet & 8G/10G FC, 50GHz C-Band tunable, 80km, LR2, APD, 9.8G CPRI	Coherent (Finisar)	FTLX6872MCC	✓
8G/4G/2G Fiber Channel, 6G/4.9G/3.072G/2.4G CPRI & 6G/3.072G OBSAI		✓	✓			CSFPPLUS-8G-8-1	SFP+ 8G/4G/2G Fiber Channel CPRI 850nm MM, 150-500m 6G/4.9G/3.072G/2.4G CPRI & 6G/3.072G OBSAI	Lumentum	PLRXPL-VC-SH4-23-N	
								Broadcom (Avago)	AFBR-57D9AMZ	✓
								Coherent (Finisar)	FTL1428P3BCV	✓
								Lumentum	JSH-85L3DA1-10	✓
	✓	✓	✓			CSFPPLUS-8G-3-1	SFP+ 8G/4G/2G Fiber Channel CPRI 1310nm SM, 10km 6G/4.9G/3.072G/2.4G CPRI & 6G/3.072G OBSAI	Coherent (Finisar)	FTL1428P2BNV	✓
								Broadcom (Avago)	AFCT-57D5ATPZ	✓
10G SONET/SDH, (OC-192/STM-64), OTU2 & OTU2e		✓	✓			CSFPPLUS-10G-3-1	SFP+ 9.95G - 11.3G & 10G Ethernet & 8/10G FC 1310nm 10km, SR1	Coherent (Finisar)	FTLX1472M3BCL	✓
								Molex/Oplink	TPP2XGDS1C000E2G	✓
		✓	✓			CSFPPLUS-10G-5-1	SFP+ 9.95G - 11.3G & 10G Ethernet & 8/10G FC 1550nm 40km, IR2	Coherent (Finisar)	FTLX1672M3BCL	✓
								OE Solutions	RSPX0SER-ST5C	✓
	✓	✓				CSFPPLUS-10G-5-2	SFP+ 9.95G - 11.3G & 10G Ethernet & 8/10G FC 1550nm 80km, LR2	Molex/Oplink	TPP7XGDI2VIAE2G	✓
								Coherent (Finisar)	FTLX1871M3BCL	✓
1G/10G Ethernet, 1G/10G Fiber Channel & 9.8G CPRI		✓	✓			SFPPLUS-1GE-10GE-8-1	SFP+ 1G / 10G Ethernet 850nm MM, 300m 1000BASE-SX 1G & 10GBASE-SR/SW, 1G/10G Fiber Channel & 9.8G CPRI	Coherent (Finisar)	FTLX8574D3BCV	
								Coherent (Finisar)	FTLX8571D3BCV	
								Broadcom (Avago)	AFBR-709DMZ	
								Coherent (Finisar)	FTLX1471D3BCV	
		✓	✓			SFPPLUS-1GE-10GE-3-1	SFP+ 1G / 10G Ethernet 1310nm SM 10km 1000BASE-LX 1G & 10GBASE-LR/LW, 1G/10G Fiber Channel & 9.8G CPRI	Coherent (Finisar)	FTLX1475D3BCL	✓
								Coherent (Finisar)	FTLX1475D3BTL	✓
1G to 10G CPRI, OBSAI, Ethernet and 8G Fiber Channel		✓	✓			CSFPPLUS-1G-10G-8-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fiber Channel 850nm MM 300m	Coherent (Finisar)	FTLX8573D3BTL	✓
								Coherent (Finisar)	FTLX8574D3BCL	✓
								OE Solutions	RSPX0SSR-ST1	✓
								OE Solutions	RSPX0SSR-ET1	✓
								OE Solutions	RSPX0SSR-IT1	✓
								Coherent (Finisar)	FTLX1471D3BTL	
								Coherent (Finisar)	FTLX1471D3BNL	
		✓	✓			CSFPPLUS-1G-10G-3-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fiber Channel 1310nm SM 10km	Coherent (Finisar)	FTLX1475D3BCL	✓
								Coherent (Finisar)	FTLX1475D3BTL	✓
								OE Solutions	RSPX0SLR-ST3	✓
								OE Solutions	RSPX0SLR-ET3	✓
								OE Solutions	RSPX0SLR-IT3	✓
	✓	✓				CSFPPLUS-1G-10G-5-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fiber Channel 1550nm SM 40km	Coherent (Finisar)	FTLX1671D3BTL	✓
								OE Solutions	RSPX0SER-ST5	✓
								OE Solutions	RSPX0SER-ET5	✓
								OE Solutions	RSPX0SER-IT5	✓

Test Application	4800	5800v2	5800-100G / MAP-2100 / ONA 1000 100G	ONA-1000 400G	ONA-800 400G	VI/AVI Part Number	Description	Manufacturer	Manufacturer Part Number	Active
1G/10G Ethernet, 1G/10G Fiber Channel & 9.8G CPRI		✓	✓			SFPPLUS-1GE-10GE-8-1	SFP+ 1G / 10G Ethernet 850nm MM, 300m 1000BASE-SX 1G & 10GBASE SR/SW, 1G/10G Fiber Channel & 9.8G CPRI	Coherent (Finisar)	FTLX8574D3BCV	
								Coherent (Finisar)	FTLX8571D3BCV	
								Broadcom (Avago)	AFBR-709DMZ	
		✓	✓			SFPPLUS-1GE-10GE-3-1	SFP+ 1G / 10G Ethernet 1310nm SM 10km 1000BASE-LX 1G & 10GBASE-LR/LW, 1G/10G Fiber Channel & 9.8G CPRI	Coherent (Finisar)	FTLX1471D3BCV	
								Coherent (Finisar)	FTLX1475D3BCL	✓
								Coherent (Finisar)	FTLX1475D3BTL	✓
								Broadcom (Avago)	AFCT-701SDDZ	
10G Ethernet, 1270nm/1330nm bi-directional		✓	✓			CSFPPLUS-10G-23-1B	SFP+ 10G Ethernet 1270nm/1330nm SM 10km	OE Solutions	RBTX0SLR-S27	✓
		✓	✓			CSFPPLUS-10G-32-1B	SFP+ 10G Ethernet 1330nm/1270nm SM 10km	OE Solutions	RBTX0SLR-S33	✓
25G/10G Ethernet, 10G to 24G CPRI			✓			CSFP28-25G-8-1	SFP28 25G Ethernet 850nm MM 70 to 100m	II-VI (Finisar)	FTLF8536P5BCL	✓
						CSFP28-25G-3-1	SFP28 25G Ethernet 1310nm SM 10km	II-VI (Finisar)	FTLF8536P4BCL	
			✓			CSFP28-10G-25G-3-1	SFP28 25G Ethernet, CPRI Option 7/8/9/10 1310nm SM 10km	Molex/Oplink	1837200013	✓
								Molex/Oplink	TPP1E2JLRC000E3G	
25G/10G Ethernet, 1270nm/1330nm bi-directional		✓	✓			CSFP28-25G-23-1B	SFP+ 10G Ethernet 1270nm/1330nm SM 10km	OE Solutions	ROT2XMLR-S27	✓
		✓	✓			CSFP28-25G-32-1B	SFP+ 10G Ethernet 1330nm/1270nm SM 10km	OE Solutions	ROT2XMLR-S33	✓
32G/16G/10G/8G Fiber Channel, 10G Ethernet		✓	✓			CSFPPLUS-16G-8-1	SFP+ 16G/10G/8G/4G Fiber Channel, 10G Ethernet 850nm MM 35m to 100m	Coherent (Finisar)	FTLF8529P3BCV	
								Coherent (Finisar)	FTLF8529P4BCV	✓
		✓	✓			CSFPPLUS-16G-3-1	SFP+ 16G/10G/8G/4G Fiber Channel, 10G Ethernet 1310nm SM 10km	Coherent (Finisar)	FTLF1429P3BNV	✓
			✓			CSFP28-32G-8-1	SFP28 32G/16G/8G Fiber Channel 850nm MM 70 to 100m	Coherent (Finisar)	FTLF8532P4BCV (Note 6)	✓
			✓			CSFP28-32G-3-1	SFP28 32G/16G/8G Fiber Channel 1310nm SM 10km	Coherent (Finisar)	FTLF1432P3BCV	✓
40G Ethernet & OTU3			✓			CQSFP-40G-8-4	QSFP+ 40G Ethernet 40GBASE-SR4 850NM 100M Single 1x12 MPO receptacle	Lumentum	JQP-04SWAA1	✓
								Coherent (Finisar)	FTL410QE2C	
								Coherent (Finisar)	FTL410QE4C	✓
								Broadcom (Avago)	AFBR-79EQDZ	✓
				✓		CQSFP-43G-3-4	QSFP+ 40GE & OTU3, 1310nm, 4A, 10km, LC, SM 40GBASE-LR4	Lumentum	JQP-04LMAA1	
								Sumitomo	SQF0426L4NLGL	
								Coherent (Finisar)	FTL4C1QM1C	
								innolight	TR-QQ13L-N00	✓
50G Ethernet			✓			CQSFP-43G-3-4-ER4	QSFP+ 40GE & OTU3, 1310nm, 4A, 40km, LC, SM 40GBASE-ER4	Coherent (Finisar)	FTL4E1QE1C	✓
				✓	✓	CQSFP-50G-3-1-LR	QSFP28 50G Ethernet, 1310nm, 1A, 10km, LC, SM, 50GBASE-LR	Source Photonics	SPQ-50E-LR-CDFA	✓
64G Fiber Channel				✓	✓	CSFP56-50G-3-1-LR	SFP56 50G Ethernet, 1310nm, 10km, LC, SM 50GBASE-LR	Eoptolink	EOLP-1350G-10-R	✓
				✓	✓	CSFP56-64G-8-1-SR	SFP28 64G/32G/16G Fiber Channel, 850nm, 100m, LC, MM	Broadcom (Avago)	AFBR-57H5MZ	✓
100G Ethernet & OTU4 CFP2 and CFP4			✓			CCFP4-112G-3-4	CFP4 100GE & OTU4, 1310nm, 4A, LC, SM 100GBASE-LR4 + G.959.1	Molex/Oplink	CP41C04L2CVIAE2G	
								Coherent (Finisar)	FTLC1141SDNL	✓
								Lumentum	JC4-10LM4AA1	
100G Ethernet & OTU4 QSFP28			✓	✓	✓	CQSFP-112G-3-4-LR4	QSFP28 100GE & OTU4, 1310nm, 4A, LC, SM 100GBASE-LR4 + G.959.1	Coherent (Finisar)	FTLC1151SDPL	
								Coherent (Finisar)	FTLC1154SDPL	✓
								Coherent (Finisar)	FTLC1156SDPL	✓
								Oplink	QT1C04L2C000E2G	✓
								Source Photonics	SPQ-CS-LR-CDFA	✓
								Eoptolink	EOLO-161HG-10-LA (Note 5)	
								Eoptolink	EOLO-161HG-10-LB (Note 5)	
								Coherent (Finisar)	FTLC9551REP (Note 6)	
								Coherent (Finisar)	FTLC9555REP (Note 6)	
								Coherent (Finisar)	FTLC9558REP (Note 6)	✓
								Lumentum	LQ210CR-CAA1 (Note 6)	
								Coherent (Finisar)	FTLC1155RGPL (Note 6)	✓
200G Ethernet QSFP56			✓	✓	✓	CQSFP-103G-3-4-CWDM4	QSFP28 100GE, 1310nm, 4A, LC, SM 100G CWDM4	Coherent (Finisar)	FTLC1152SGPL (Note 6)	
								Addon	160-9402-900 (Note 6)	✓
								Coherent (Finisar)	FTLC4352RJPL	✓
								Coherent (Finisar)	FTLC4352RJPL-1Y	✓
								Coherent (Finisar)	FTLC4351RJPL	
								Coherent (Finisar)	FTLC4352RKPL-1Y	✓
400G Ethernet QSFP-DD				✓	✓	CQSFP-425G-3-4-FR4	QSFP-DD 200GE, 1310nm, 4A, 2km, LC, SM 200GBASE-FR4	Coherent (Finisar)	FTCC1112E2PCL	✓
				✓	✓	CQSFPDD-425G-3-8-FR8	QSFP-DD 400GE, 1310nm, 8A, 2km, LC, SM 400GBASE-FR8	Coherent (Finisar)	FTCD1333E1PCL	✓
				✓	✓	CQSFPDD-425G-3-4-FR4	QSFP-DD 400GE, 1310nm, 4A, 2km, LC, SM 400GBASE-FR4	Innolight	T-DQ4CNT-N00	✓
				✓	✓	CQSFPDD-425G-3-4-DR4	QSFP-DD 400GE, 1310nm, 4A, 500m, MPO, SM 400GBASE-DR4+	Innolight	T-DP4CNH-N00	✓
400G Ethernet OSFP				✓	✓	CQSFPDD-425G-3-4-LR4	QSFP-DD 400GE, 1310nm, 4A, 10km, LC, SM 400GBASE-LR4	Innolight	T-DQ4CNL-N00	✓
					✓	CQSFP-425G-3-4-FR4	OSFP 400GE, 1310nm, 4A, 2km, LC, SM 400GBASE-FR4	Eoptolink	EOLO-164HG-02	✓
Compatible Pluggable Modules (Not sold by VIAVI) <sup>3</sup>										
1G to 10G CPRI, 1G to 10G Ethernet, Bi-di		✓	✓			N/A	SFP+ 1G to 10G Multirate CPRI and Ethernet, Tunable DWDM, Bi-di SM 20km	HFR	FTLB8611P3NC-HQ1	
		✓	✓			N/A	SFP+ 1G to 10G Multirate CPRI and Ethernet, Tunable DWDM, Bi-di SM 20km	HFR	FTLB8611P3CC-HR1	
25G Ethernet, 24G CPRI			✓			N/A	SFP28 25G Ethernet, 24G CPRI Tunable DWDM SM 15 km	HFR	FTLB8636P1BNL-HR	

Test Application	4800	5800v2	5800-100G / MAP-2100 / ONA 1000 100G	ONA-1000 400G	ONA-800 400G	VI/VI Part Number	Description	Manufacturer	Manufacturer Part Number	Active
Direct Attach SFP+	✓	✓	✓			N/A	10GBASE-CU SFP+ Cable 1 Meter, passive	Cisco	SFP-H10GB-CU1M	
	✓	✓	✓			N/A	10GBASE-CU SFP+ Cable 3 Meter, passive	Cisco	SFP-H10GB-CU3M	
	✓	✓	✓			N/A	10GBASE-CU SFP+ Cable 5 Meter, passive	Cisco	SFP-H10GB-CU5M	
	✓	✓	✓			N/A	10GBASE-CU SFP+ Cable 7 Meter, active	Cisco	SFP-H10GB-CU7M	
	✓	✓	✓			N/A	10GBASE-CU SFP+ Cable 5 Meter, passive	Cisco	74752-9047	
	✓	✓	✓			N/A	10GBASE-CU SFP+ Cable 5 Meter, passive	Tyco Electronics	2032237-6	
	✓	✓	✓			N/A	10GBASE-CU SFP+ Cable 2 Meter, passive	Tyco Electronics	2032246-3	
1G/10G Ethernet, 1G/10G Fiber Channel & 9.8G CPRI		✓	✓			N/A	SFP+ 1G / 10G Ethernet 850nm MM, 300m 1000BASE-SX 1G & 10GBASE-SR/SW, 1G/10G Fibre Channel & 9.8/6.1/4.9/3.1/2.4G CPRI	APAC Opto	APSP85B33CDL03	
10G Ethernet, 10G Fiber Channel & 10G CPRI		✓	✓			N/A	SFP+ 10G Ethernet, 10G FC, 10G CPRI 1270nm Tx 1330 Rx, Bi-di 10km	Lighttron	WSPXG-ES3LC-IHA	
		✓	✓			N/A	SFP+ 10G Ethernet, 10G FC, 10G CPRI 1330nm Tx 1270 Rx, Bi-di 10km	Lighttron	WSPXG-HS3LC-IEA	
10G SONE/SDH, (OC-192/STM-64), OTU2 & OTU2e		✓	✓			N/A	SFP+ 9.95G - 11.3G & 10G Ethernet & 10G FC 1310nm 10km, SR1	NeoPhotonics	PT7420-81-ED+	
		✓	✓			N/A	SFP+ 9.95G - 11.3G & 10G Ethernet & 8/10G FC 1550nm 40km, IR2	NeoPhotonics	PT7620-81-ED+	
2.5G SONE/SDH, 622M/155M SONE/SDH 1G Ethernet, OTN	✓	✓	✓			N/A	SFP 155M - 2.7G & 1G Ethernet & 2G/1G FC, 1550nm, 15km, IR2	NeoPhotonics	PT7620-61-2W+	
	✓	✓	✓			N/A	SFP 155M - 3.1G & 1G Ethernet & 2G/1G FC, 1310nm, 40km, LR1, 3.072G/2.4G/1.2G/614M CPRI, 3.072G/1.5G/768M OBSAI	NeoPhotonics	PT7720-61-3W+	
Ericsson SFP/SFP+		✓	✓			N/A	SFP+ 10G CPRI 1310nm RDH 102 65/2	Ericsson/Oclaro	TRS5013WV-0043	
		✓	✓			N/A	SFP+ 10G CPRI 1310nm RDH 102 65/3	Ericsson/Oclaro	TRS5021EV-SB01	
		✓	✓			N/A	SFP+ 10G CPRI 1310nm RDH10265/2 R1A	Ericsson/Coherent (Finisar)	FTLX1370W3BTL-E7	
	✓	✓	✓			N/A	SFP 3.1G CPRI 1310nm RDH 102 47/2	Ericsson/Delta	LCP-2488B4HDRT-E	
Nokia/ALU SFP/SFP+		✓	✓			N/A	SFP+ 1AB42938001 CPRI 2-8 SMDF 6.144G 15km S01.01	ALU/WTD	RTXM228-618-AW	
		✓	✓			N/A	SFP+ 1AB187280065 3G 15 km S-16.1/CPRI 1-4 S1.1	ALU/WTD	RTXM192-436-AW	
		✓	✓			N/A	SFP+ 1AB41006001 CPRI 3-7 9.8304G 10km I-temp S1.1	ALU/WTD	RTXM228-402-AW	
		✓	✓			N/A	SFP ALLU16-OF38000295	ALU/OE Solutions	PT7620-61-2W+	
		✓	✓			N/A	SFP ALLU15-FA29108489	ALU/Coherent (Finisar)	FTLF1421P1BTL-AW	
		✓	✓			N/A	SFP ALLU14-HL47002836	ALU/Source Photonics	SPP8FLRIDFFAW	
		✓	✓			N/A	SFP 155M - 3.1G & 1G Ethernet & 2G/1G FC, 1310nm, 40km, LR1, 3.072G/2.4G/1.2G/614M CPRI, 3.072G/1.5G/768M OBSAI	NeoPhotonics	PT7720-61-3W+	
CPRI and OBSAI	✓	✓	✓			N/A	SFP+ 1 GigE & 6.1G CPRI 1310nm SM, 10km, 6.1/4.9/3.1/2.4/1.2G CPRI, 3.072G/1.5G OBSAI	Coherent (Finisar)	FTLF1426P2BTL	
	✓	✓	✓			N/A	SFP+ 1G / 10G Ethernet 1310nm SM, 10km, 9.8/6.1/4.9/3.1/2.4/1.2G CPRI, 6.1G/3.072G/1.5G OBSAI	Coherent (Finisar)	FTLX1471D3BTL-E8	
Electrical Ethernet		✓	✓			N/A	SFP+ 2.5G/5G/10GBASE-T Electrical Ethernet RJ45	FS.com	SFP-10G-T-S	
64G Fiber Channel				✓	✓	NA	SFP28 64G/32G/16G Fiber Channel, 850nm, 100m, LC, MM	Coherent (Finisar)	FTLF8564D1BCW	
400G Ethernet QSFP-DD				✓	✓	N/A	QSFP-DD 400GE, 1310nm, 8A, 2km, LC, SM 400GBASE-LR8	Source Photonics	SPQ-4E-LR-CDFA	

Note: 1. SFP/SFP+ Optical interface recommendations for CPRI and OBSAI line rates as per document CPRI Interface Specification V5.0 and OBSAI RF3 specifications Version 4.2.  
 2. VI/VI T-BERD/MTS product line supports RX/TX rate select functionality implemented for SFP/SFP+ optical modules that are Rate Selectable as per SFF-8079, SFF-8431 and SFF-8472. Compliance to a particular optical standard is based on the manufacturer's datasheet, not the rate configurability of the optic.  
 3. For the MSAM2 (C0400-V2, C0404-V2, C1010-V2), SFP+ module support requires a SFP+ PIM.  
 4. These modules have been tested with the designated platform. They are not sold by VI/VI Solutions.  
 5. Requires use of appropriate CFP2 adapter from VI/VI Solutions. CFP2 to CFP4 adapter required for support of CFP4 modules. CFP2 to QSFP28 adapter required for QSFP28 modules.  
 6. When used on the CSAM with CFP2 to QSFP28 adapter, some circumstances may require that CDR bypass is enabled for the Tx and Rx side under expert mode settings for proper operation.  
 7. This optical reach requires forward error correction (FEC) in order to meet BER requirements. Depending on which standard is applicable, pre-FEC BER can be up to 5x10<sup>-5</sup>.



Network and Service Enablement  
 20250 Century Boulevard Floor 5  
 Germantown, Maryland 20874 USA  
 Toll Free 1-800-638-2049 • Tel +1-240-404-2999 • Fax +1-240-404-2195  
[www.viavisolutions.com](http://www.viavisolutions.com)

© Copyright 2023 VI/VI Solutions, Inc. All rights reserved.  
 VI/VI Solutions, JDSU, Enabling Broadband and Optical Innovation, Acterna, Communications Test and Measurement Solutions, and their logos are trademarks of VI/VI Solutions, Inc.  
 All trademarks and registered trademarks are the property of their respective owners. Specifications, terms, and conditions are subject to change without notice.  
 Refer to your optic manufacturer's web-site for detailed optical and product specifications.