

# Recommended Optics

Accurate as of: 31-Jul-20



For a current list, please contact your local sales representative or the Viavi Technical Assistance Center

T-BERD/MTS 4800, 5800, 6000A, 8000, MAP-2100, and ONA 800A, 1000

21128094 Rev. 048

Test Application	MSAM	CSAM	5800	4800	5800v2	5800-100G / MAP-2100	ONA-1000 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	Finisar	FCLF8521P2BTL	✓
		✓						CSFPPLUS-10G-CU	SFP+ 10GBASE-T Electrical RJ45	Method	FCLF-8521-3	
100M Optical (100BaseFX)	✓	✓	✓	✓	✓			CSFP-100M-3-1	SFP 100M, 1310nm, 2km, MM	Finisar	FTLF1217P2BTL	✓
										Source Photonics	SP-FE-FX-CDFM	
										Source Photonics	SP-FE-FX-CDFH	
	✓	✓	✓	✓	✓			CSFP-100M-3-2	SFP 100M, 1310nm, 10km, SM	Finisar	FTLF1323P1BTR	✓
										Source Photonics	SP-FE-LX-CDFM	
										Source Photonics	SP-FE-LX-CDFH	
	✓	✓	✓	✓	✓			CSFP-100M-8-1	SFP 100M, 850nm, 300m, MM	APAC Opto	LM28-A3S-TC-N-DD	✓
										OE Solutions	RSP12SV5-ST1	✓
100MEth BiDirectional Optical (100BaseBX)	✓	✓	✓	✓	✓			CSFP-100M-35-1B	SFP BIDI 100M, TX1310nm, RX1550nm, 10km, SM	OE Solutions	RBTFSXLX-ST3	✓
										Source Photonics	FTM-9301C-SL20G	
	✓	✓	✓	✓	✓			CSFP-100M-53-1B	SFP BIDI 100 M, TX1550nm, RX1310nm, 10km, SM	OE Solutions	RBTFSXLX-ST5	✓
										Source Photonics	FTM-9501C-SL20G	
622M/155M (OC-12/STM-4 & OC-3/STM-1) SONET/SDH	✓	✓	✓	✓	✓			CSFP-622M-3-1	SFP 155M - 622M, 1310nm, 15km, IR1	Finisar	FTLF1322P1BTR	✓
										Finisar	FTRJ1322P1BTR	
										Oclaro	TRF526AVLB300	
	✓	✓	✓	✓	✓			CSFP-622M-5-1	SFP 155M - 622M, 1550nm, 80km, LR2	Lumentum	SFP-PL2LKTDS5DCA	
										Finisar	FTLF1522P1BTL	✓
										Finisar	FTRJ1522P1BTL	
										Foundry Networks	FTLF1522P1BTL-F1	
										Source Photonics	SP-12-LR2-CDFM	✓
1G Ethernet & 1G Fibre 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 Fibre Channel 614M / 1.2G CPRI & 1.5G / 768M OBSAI	✓	✓	✓	✓	✓	✓		CSFP-2G-8-1	SFP 1G Ethernet & 2G/1G Fibre Channel, 850nm, 300m, SX 1.2G/614M CPRI, 1.5G/768M OBSAI	Lumentum	PLRXPL-VI-S24-22	
										Finisar	FTRJ8519P1BNL	
										Finisar	FTLF8519P2BNL	
										Finisar	FTLF8519P3BNL	✓
	✓	✓	✓	✓	✓	✓		CSFP-2G-3-1	SFP 1G Ethernet & 2G/1G Fibre Channel, 1310nm, 10km, LX 1.2G/614M CPRI, 1.5G/768M OBSAI	Lumentum	JSH-12L1DD1	
										Lumentum	JSH-21L3AR3	
										Finisar	FTRJ1319P1BTL	
										Finisar	FTLF1319P1BTL	
1G Ethernet, 614M/1.2G CPRI, 768M/1.5G OBSAI BiDirectional Optical (100BaseBX)	✓	✓	✓	✓	✓	✓		CSFP-2G-5-1	SFP 1G Ethernet & 2G/1G Fibre Channel, 1550nm, 80km, ZX 1.2G/614M CPRI, 1.5G/768M OBSAI	Lumentum	SFP-GI2LKTDS5DCA	✓
										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	✓
	✓	✓	✓	✓	✓	✓		CSFP-1G-34-1B	SFP BIDI 1G Ethernet, 614M/1.2G CPRI, 768M/1.5G OBSAI, TX1310nm, RX1490, 10km, SM	OE Solutions	RBT12SLX-ST3	✓
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	Lumentum	SFP-ML1LCTD3DCA	
										Lumentum	SFP-ML1LCTD3DCA	
										Accelink	RTXM192-452	✓
										Accelink	RTXM192-452-C93	✓
										Finisar	FTLF1721P1BCL	
										Finisar	FTLF1721P2BCL	
										Molex/Oplink	TRPE48HL1CVIAE2G	✓
	✓	✓	✓		✓	✓		CSFP-2G5-3-1	SFP 155M - 2.7G & 1G Ethernet & 2G/1G FC, 1310nm, 40km, LR1	Lumentum	CT2-ML1LCTD3C1C1	
										Finisar	FTRJ1721P1BCL	
										Molex/Oplink	TRPA48L1HBRM	✓
										Lumentum	SFP-ML2LCTD5DCA	
										Lumentum	SFP-ML2LCTD5DCA	
									Molex/Oplink	TRPE48HL2CVIAE2G	✓	
									Finisar	FTLF1621P1BCL	✓	
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-2G5-5-1	SFP 155M - 3.1G & 1G Ethernet & 2G/1G FC, 1550nm, 80km, LR2 3.072G/2.4G/1.2G/614M CPRI, 3.072G/1.5G/768M OBSAI	Lumentum	CT2-ML2LCTD51C4	
										Finisar	FTLF1621P2BCL	
										Foundry Networks	FTLF1621P2BCL-F1	
										Finisar	FTRJ1621P1BCL	
										Molex/Oplink	TRPE48HL2CVIAE2G	✓
										Molex/Oplink	TRXA48L2HBWM	
										Molex/Oplink	TRXA48L2HBWM	
										Molex/Oplink	TRXA48L2HBWM	

Test Application	MSAM	CSAM	5800	4800	5800v2	5800-100G / MAP-2100	ONA-1000 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-MI2LBT5DCA	
										Molex/Oplink	TRPE48E2VIAE2G	✓
										Finisar	FTLF1521P1BCL	✓
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	Lumentum	SFP-ML2LCC47DCA	
										OE Solutions	RCP31ML2-S47	✓
										Lumentum	SFP-ML2LCC49DCA	
										OE Solutions	RCP31ML2-S49	✓
										Lumentum	SFP-ML2LCC49DCA	
										OE Solutions	RCP31ML2-S51	✓
										Lumentum	SFP-ML2LCC51DCA	
										OE Solutions	RCP31ML2-S53	✓
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-4	SFP 3.1G - 100M & 1G Ethernet & 2G/1G FC, 1511nm, 80km	Lumentum	SFP-ML2LCC53DCA	
										OE Solutions	RCP31ML2-S55	✓
										Lumentum	SFP-ML2LCC55DCA	
										OE Solutions	RCP31ML2-S57	✓
										Lumentum	SFP-ML2LCC57DCA	
										OE Solutions	RCP31ML2-S59	✓
										Lumentum	SFP-ML2LCC59DCA	
										OE Solutions	RCP31ML2-S61	✓
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	
										Lumentum	SFP-DA21CS00C-25	
										Lumentum	SFP-DA21CS00C-27	
										Lumentum	SFP-DA21CS00C-31	
										Lumentum	SFP-DA21CS00C-33	
										Lumentum	SFP-DA21CS00C-35	
										Lumentum	SFP-DA21CS00C-37	
										Lumentum	SFP-DA21CS00C-45	
										Lumentum	SFP-DA21CS00C-47	
										Lumentum	SFP-DA21CS00C-49	
										Lumentum	SFP-DA21CS00C-53	
										Lumentum	SFP-DA21CS00C-55	
4G / 2G / 1G Fibre 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 Fibre Channel & 1G Ethernet, 850nm, 150-500m, SX 3.072G/2.4G/1.2G/614M CPRI, 3.072G/1.5G/768M OBSAI	Lumentum	PLRXL-VE-SG4-62	
										Avago	AFBR-57R5APZ	✓
										Coretek	CT-4250NSP-SB1L-D	
										Finisar	FTLF8524P2BNV	✓
4G / 2G / 1G Fibre Channel, 1G Ethernet, 3.072G / 2.4G / 1.2G / 614M CPRI, 3.072G/1.5G/768M OBSAI	✓	✓	✓	✓	✓	✓		CSFP-4G-3-1	SFP 4G/2G/1G Fibre Channel & 1G Ethernet, 1310nm, 5km @ 4G FC, 10km < 4G, 3.072G/2.4G/1.2G/614M CPRI, 3.072G/1.5G/768M OBSAI	Lumentum	GP-314G-L1CD	✓
										JSH-42L4DD1		
										Finisar	FTLX1424P2BCD	
										Lumentum	JSH-42L3AD3-20	
4G / 2G / 1G Fibre Channel, 1G Ethernet, 3.072G / 2.4G / 1.2G / 614M CPRI, 3.072G/1.5G/768M OBSAI	✓	✓	✓	✓	✓	✓		CSFP-4G-3-2	SFP 4G/2G/1G Fibre Channel & 1G Ethernet, 1310nm, 20km, LX 3.072G/2.4G/1.2G/614M CPRI, 3.072G/1.5G/768M OBSAI	Lumentum	FTLX1424P2BCV	
										Finisar	FTLX1424P2BCV	
10G SONET/SDH (OC-192/STM-64), 10G Ethernet, 8G Fibre Channel, 10G Fibre Channel, OTN & CWDM, 9.8G CPRI	✓		✓					CXFP-10G-8-1	XFP 10G Ethernet, 8G/10G Fibre Channel, 850nm, 300m, SR 9.8G CPRI	Lumentum	PLRXL-SC-S43-C1	
										Finisar	FTLX8512D3BCL	✓
										Lumentum	PL-XXL-SC-S45-22	
										Lumentum	PL-XXL-SC-S45-21	
										Finisar	FTLX8511D3	
										Oclaro	TRF2001EN-GA000	
										Lumentum	JXP-01LMAC1	
										Finisar	FTLX1412M3BCL-JG	
										Finisar	FTLX1413M3BCL	✓
										Accelink	RTXM226-418	✓
										Oclaro	TRF5015FN-PA230	
										Oclaro	TRF5016FN-PA230	
10G SONET/SDH (OC-192/STM-64), 10G Ethernet, 8G Fibre Channel, 10G Fibre Channel, OTN & CWDM, 9.8G CPRI	✓		✓					CXFP-8G10G-3-1	XFP 9.95G - 11.1G & 10G Ethernet & 8G/10G FC, 1310nm, 10km, SR1, 9.8G CPRI	Lumentum	JXP-01LMAC1	
										Finisar	FTLX1412M3BCL-JG	
										Finisar	FTLX1413M3BCL	✓
										Accelink	RTXM226-418	✓
										Oclaro	TRF5015FN-PA230	
										Oclaro	TRF5016FN-PA230	
										Lumentum	JXP-01LMAC1	
										Finisar	FTLX1412M3BCL-JG	
										Finisar	FTLX1413M3BCL	✓
										Accelink	RTXM226-418	✓
										Oclaro	TRF5015FN-PA230	
										Oclaro	TRF5016FN-PA230	
10G SONET/SDH (OC-192/STM-64), 10G Ethernet, 8G Fibre Channel, 10G Fibre Channel, OTN & CWDM, 9.8G CPRI	✓		✓					CXFP-10G-3-1	XFP 9.95G - 11.1G & 10G Ethernet & 10G FC, 1310nm, 10km, SR1 9.8G CPRI	Lumentum	FTLX1411M3	✓
										Oclaro	TRF5012FS-LA000	
										Oclaro	TRF5013FN-GA000	
										Oclaro	TRF5015FN-GA000	
										Oclaro	TRF5016FN-GA000	✓
										Finisar	FTLX1412M3BCL	✓
										Lumentum	JXP-01EMAC1	
										Finisar	FTLX1612M3BCL	✓
										Finisar	FTLX1611M3	
										Oclaro	TRF7052FN-GA000	
										Lumentum	JXP-012GAB1	
										Oclaro	TRF7061FN-LF000	
10G SONET/SDH (OC-192/STM-64), 10G Ethernet, 8G Fibre Channel, 10G Fibre Channel, OTN & CWDM, 9.8G CPRI	✓		✓					CXFP-10G-5-1	XFP 9.95G - 11.1G & 10G Ethernet & 8G/10G FC, 1550nm, 40km, IR2 9.8G CPRI	Oclaro	TRF7061FN-LF001	
										Oclaro	TRF7062FN-GA000	✓
										Finisar	FTLX-1811M3-JG	
										Finisar	FTLX1812M3BCL	✓
10G SONET/SDH (OC-192/STM-64), 10G Ethernet, 8G Fibre Channel, 10G Fibre Channel, OTN & CWDM, 9.8G CPRI	✓		✓					CXFP-10G-5-2	XFP 9.95G - 11.1G & 10G Ethernet & 10G FC, 1550nm, 80km, LR2, APD 9.8G CPRI	Lumentum	WRT-XFPSMTLR2-001	
										Lumentum	JXP01TMAC1CX5GEN	
										Lumentum	JXP01TMAC1CX5GE2	
										OE Solutions	RCX0S0ZR-I61	✓
10G SONET/SDH (OC-192/STM-64), 10G Ethernet, 8G Fibre Channel, 10G Fibre Channel, OTN & CWDM, 9.8G CPRI	✓		✓					CXFP-10G-CWDM-8	XFP 9.95G - 11.3G & 10G Ethernet & 10G FC, CWDM 1611nm long haul, 9.8G CPRI	OE Solutions	RCX0S0ZR-S61-JU	✓
										OE Solutions	RCX0S0ZR-S61-JU	✓

Test Application	MSAM	CSAM	5800	4800	5800v2	5800-100G / MAP-2100	ONA-1000 400G	Viavi Part Number	Description	Manufacturer	Manufacturer Part Number	Active
10G SONET/SDH (OC-192/STM-64), 10G Ethernet, 8G/10G Fibre 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	
		✓			✓	✓		CSFPPLUS-1G-10G-T-1	SFP+ 1G - 11.3G & 10G Ethernet & 8G/10G FC, 50GHz C-Band tunable, 80km, LR2, APD, 9.8G CPRI	Lumentum	JST01TMAC1CY5GE3	
8G/4G/2G Fibre Channel, 6G/4.9G/3.072G/2.4G CPRI & 6G/3.072G OBSAI	✓	✓			✓	✓		CSFPPLUS-8G-8-1	SFP+ 8G/4G/2G Fibre Channel CPRI 850nm MM, 150-500m 6G/4.9G/3.072G/2.4G CPRI & 6G/3.072G OBSAI	Avago	AFBR-57DBAMZ	✓
	✓	✓			✓	✓		CSFPPLUS-8G-3-1	SFP+ 8G/4G/2G Fibre Channel CPRI 1310nm SM, 10km 6G/4.9G/3.072G/2.4G CPRI & 6G/3.072G OBSAI	Avago	AFCT-57DSATPZ	✓
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	Finisar	FTLX1472M3BCL	✓
	✓	✓			✓	✓		CSFPPLUS-10G-5-1	SFP+ 9.95G - 11.3G & 10G Ethernet & 8/10G FC 1550nm 40km, IR2	Finisar	FTLX1672M3BCL	✓
	✓	✓			✓	✓		CSFPPLUS-10G-5-2	SFP+ 9.95G - 11.3G & 10G Ethernet & 8/10G FC 1550nm 80km, LR2	Finisar	FTLX1871M3BCL	✓
1G/10G Ethernet, 1G/10G Fibre Channel & 9.8G CPRI	✓	✓			✓	✓		SFPPLUS-1GE-10GE-8-1	SFP+ 1G / 10G Ethernet 850nm MM, 300m 1000BASE-SX 1G & 10GBASE-SR/SW, 1G/10G Fibre Channel & 9.8G CPRI	Finisar	FTLX8574D3BCV	✓
	✓	✓			✓	✓		SFPPLUS-1GE-10GE-3-1	SFP+ 1G / 10G Ethernet 1310nm SM 10km 1000BASE-LX 1G & 10GBASE-LR/LW, 1G/10G Fibre Channel & 9.8G CPRI	Avago	AFBR-709DMZ	✓
1G to 10G CPRI, OBSAI, Ethernet and 8G Fibre Channel	✓	✓			✓	✓		CSFPPLUS-1G-10G-8-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fibre Channel 850nm MM 300m	Finisar	FTLX8573D3BTL	✓
	✓	✓			✓	✓		CSFPPLUS-1G-10G-3-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fibre Channel 1310nm SM 10km	Finisar	FTLX8574D3BCL	✓
	✓	✓			✓	✓		CSFPPLUS-1G-10G-5-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fibre Channel 1550nm SM 40km	Finisar	FTLX1471D3BTL	✓
	✓	✓			✓	✓		CSFPPLUS-1G-10G-8-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fibre Channel 850nm MM 300m	Finisar	FTLX1471D3BTL	✓
	✓	✓			✓	✓		CSFPPLUS-1G-10G-3-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fibre Channel 1310nm SM 10km	Finisar	FTLX1471D3BNL	✓
	✓	✓			✓	✓		CSFPPLUS-1G-10G-5-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fibre Channel 1550nm SM 40km	Finisar	FTLX1475D3BCL	✓
	✓	✓			✓	✓		CSFPPLUS-1G-10G-8-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fibre Channel 850nm MM 300m	Finisar	FTLX1475D3BTL	✓
	✓	✓			✓	✓		CSFPPLUS-1G-10G-3-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fibre Channel 1310nm SM 10km	Finisar	FTLX1475D3BTL	✓
	✓	✓			✓	✓		CSFPPLUS-1G-10G-5-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fibre Channel 1550nm SM 40km	Finisar	FTLX1671D3BTL	✓
	✓	✓			✓	✓		CSFPPLUS-1G-10G-8-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fibre Channel 850nm MM 300m	Finisar	FTLX1671D3BTL	✓
	✓	✓			✓	✓		CSFPPLUS-1G-10G-3-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fibre Channel 1310nm SM 10km	Finisar	FTLX1671D3BTL	✓
	✓	✓			✓	✓		CSFPPLUS-1G-10G-5-1	SFP+ 1G to 10G Multirate CPRI, OBSAI, Ethernet and 8G Fibre Channel 1550nm SM 40km	Finisar	FTLX1671D3BTL	✓
25G/10G Ethernet, 10G to 24G CPRI						✓		CSFP28-25G-8-1	SFP28 25G Ethernet 850nm MM 70 to 100m	Finisar	FTLX8536P4BCL	✓
						✓		CSFP28-25G-3-1	SFP28 25G Ethernet 1310nm SM 10km	Finisar	FTLX1436P3BCL	✓
						✓		CSFP28-10G-25G-3-1	SFP28 25G Ethernet, CPRI Option 7/8/9/10 1310nm SM 10km	Molex/Oplink	TPP1E2JLRC000E3G	✓
32G/16G/10G/8G Fibre Channel, 10G Ethernet	✓	✓			✓	✓		CSFPPLUS-16G-8-1	SFP+ 16G/10G/8G/4G Fibre Channel, 10G Ethernet 850nm MM 35m to 100m	Finisar	FTLX8529P3BCV	✓
	✓	✓			✓	✓		CSFPPLUS-16G-3-1	SFP+ 16G/10G/8G/4G Fibre Channel, 10G Ethernet 1310nm SM 10km	Finisar	FTLX8529P4BCV	✓
						✓		CSFP28-32G-8-1	SFP28 32G/16G/8G Fibre Channel 850nm MM 70 to 100m	Finisar	FTLX8532P4BCV (Rev B)	✓
						✓		CSFP28-32G-3-1	SFP28 32G/16G/8G Fibre Channel 1310nm SM 10km	Finisar	FTLX1432P3BCV	✓
40G Ethernet & OTU3						✓		CCFP-43G-3-4	CFP 40G & OTU3, 1310nm, 4A, LC, SM 40GBASE-LR4	Finisar	FTLQ7181MALL	✓
						✓		COSFP-40G-8-4	QSFP+ 40G Ethernet 40GBASE-SR4 850NM 100M Single 1x12 MPO receptacle	Oclaro	TRC5B20MN-LW000	✓
						✓		COSFP-43G-3-4	QSFP+ 40G & OTU3, 1310nm, 4A, 10km, LC, SM 40GBASE-LR4	Lumentum	JQP-04SWAA1	✓
						✓		COSFP-43G-3-4	QSFP+ 40G & OTU3, 1310nm, 4A, 10km, LC, SM 40GBASE-LR4	Finisar	FTL410QE2C	✓
						✓		COSFP-43G-3-4	QSFP+ 40G & OTU3, 1310nm, 4A, 10km, LC, SM 40GBASE-LR4	Finisar	FTL410QE4C	✓
						✓		COSFP-43G-3-4-ER4	QSFP+ 40G & OTU3, 1310nm, 4A, 40km, LC, SM 40GBASE-ER4	Avago	AFBR-79EQDZ	✓
						✓		COSFP-43G-3-4-ER4	QSFP+ 40G & OTU3, 1310nm, 4A, 40km, LC, SM 40GBASE-ER4	Lumentum	JQP-04LMAA1	✓
						✓		COSFP-43G-3-4-ER4	QSFP+ 40G & OTU3, 1310nm, 4A, 40km, LC, SM 40GBASE-ER4	Lumentum	JQP-04LMB1	✓
40G SONET/SDH (OC-768/STM-256), 40G Ethernet & OTU3						✓		CCFP-43G-5-1	CFP 40G SONET/ETH & OTU3, 39.4G - 44.6G, 1550nm, 1A, 2km, LC, SM 40GBASE-FR	Sumitomo	SQF0426L4NL	✓
						✓		CCFP-43G-5-1	CFP 40G SONET/ETH & OTU3, 39.4G - 44.6G, 1550nm, 1A, 2km, LC, SM 40GBASE-FR	Finisar	FTL4C1QM1C	✓
50G Ethernet						✓		COSFP-50G-3-1-LR	QSFP28 50G Ethernet, 1310nm, 1A, 10km, LC, SM, 50GBASE-LR	Finisar	FTL4E1QE1C	✓
						✓		CCFP-112G-3-4	CFP 100GE & OTU4, 1310nm, 4A, LC, SM 100GBASE-LR4 + G.959.1	Source Photonics	SPQ-50E-LR-CDF4	✓
						✓		CCFP-112G-3-4-ER	CFP 100GE & OTU4, 1310nm, 4A, LC, SM, 40km 100GBASE-ER4 + G.959.1	Oclaro	TRC5E20FN-LF000	✓
						✓		21165944	CFP 100GE & OTU4, 1550nm, 10A, 4km, LC, SM 10x10 MSA	Oclaro	TRC5E21FN-LF000-W	✓
						✓		CCFP-112G-5-10	CFP 100GE & OTU4, 1550nm, 10A, 10km, LC, SM 10x10 MSA	Sumitomo	SCF10111L4LNGG01	✓
						✓		CCFP-112G-8-10	CFP 100GE & OTU4, 850nm, 10 fibers, MM, MPO 100GBASE-SR10	Finisar	FTLC1182SDNL	✓
						✓		CCFP-112G-8-10	CFP 100GE & OTU4, 850nm, 10 fibers, MM, MPO 100GBASE-SR10	Finisar	FTLC1183SDNL	✓
						✓		CCFP-112G-8-10	CFP 100GE & OTU4, 850nm, 10 fibers, MM, MPO 100GBASE-SR10	Reflex Photonics	CP-X12-C11901-02	✓
					✓		CCFP-112G-8-10	CFP 100GE & OTU4, 850nm, 10 fibers, MM, MPO 100GBASE-SR10	Reflex Photonics	CF-X12-C11901-02	✓	

Test Application	MSAM	CSAM	5800	4800	5800v2	5800-100G / MAP-2100	ONA-1000 400G	Viavi Part Number	Description	Manufacturer	Manufacturer Part Number	Active
100G Ethernet & OTU4 CFP2 and CFP4		✓						CCFP2-112G-3-4	CFP2 100GE & OTU4, 1310nm, 4A, LC, SM 100GBASE-LR4 + G.959.1	Lumentum	JC2-10LM4AA1	
										Finisar	FTLC1121SDNL	✓
										Accelink	RTXM290-601	✓
										Oclaro	TRB5E20FNF-LF000	
										Oclaro	TRB5E21FNF-LF002	
										Molex/Oplink	CP21C04L2CVIAE2G	✓
		✓							CCFP2-112G-8-10	CFP2 100GE & OTU4, 850nm, 10 fibers, MM, MPO 100GBASE-SR10	Finisar	FTLC8221SCNM
100G Ethernet & OTU4 QSFP28		✓						CCFP2-112G-3-4-ER4L	CFP2 100GE & OTU4, 1310nm, 4A, LC, SM 100GBASE-ER4L + G.959.1	Oclaro	TRB5E51FNF-LF001	✓
		✓						CCFP2-103G-8-10	CFP2 100GE, 850nm, 10 fibers, MM, MPO 100GBASE-SR10	Avago	AFBR-8420Z	✓
		✓				✓		CCFP4-112G-3-4	CFP4 100GE & OTU4, 1310nm, 4A, LC, SM 100GBASE-LR4 + G.959.1	Molex/Oplink	CP41C04L2CVIAE2G	
										Finisar	FTLC1141SDNL	✓
										Lumentum	JC4-10LM4AA1	
										Finisar	FTLC1151SDPL	✓
										Finisar	FTLC1154SDPL	✓
										Oplink	QTA1C04L2C000E2G	✓
										Source Photonics	SPQ-CS-LR-CDFA	✓
										Eoptolink	EOLO-161HG-10-LA (Note 5)	✓
400G Ethernet QSFP-DD								CCFP4-112G-3-4	CFP4 100GE & OTU4, 1310nm, 4A, LC, SM 100GBASE-LR4 + G.959.1	Eoptolink	EOLO-161HG-10-LB (Note 5)	✓
		✓				✓		CQSFP-103G-8-4-SR4	QSFP28 100GE, 850nm, 4 fibers, MPO, MM 100GBASE-SR4	Finisar	FTLC9551REP (Note 6)	✓
		✓				✓		CQSFP-103G-3-4-CWDM4	QSFP28 100GE, 1310nm, 4A, LC, SM 100G CWDM4	Finisar	FTLC9555REP (Note 6)	✓
		✓				✓		CQSFP-112G-3-4-CWDM4	QSFP28 100GE & OTU4 1310nm, 4A, LC, SM 100G CWDM4	Lumentum	LQ210CR-CAA1 (Note 6)	
		✓				✓		CQSFP-DD 425G-3-8-FR8	QSFP-DD 400GE, 1310nm, 8A, 2km, LC, SM 400GBASE-FR8	Finisar	FTCD1333E1PCL	✓
							✓	CQSFPDD-425G-3-4-FR4	QSFP-DD 400GE, 1310nm, 4A, 2km, LC, SM 400GBASE-FR4	Innolight	T-DQ4CNT-N00	✓
<b>Compatible Pluggable Modules (Not sold by Viavi)<sup>1</sup></b>												
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	
1G/10G Ethernet, 1G/10G Fibre 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	APSP85B3CDL03	
10G Ethernet, 10G Fibre Channel & 10G CPRI	✓	✓						N/A	SFP+ 10G Ethernet, 10G FC, 10G CPRI 1270nm Tx 1330 Rx, Bi-di 10km	Lightron	WSPXG-ES3LC-IHA	
	✓	✓						N/A	SFP+ 10G Ethernet, 10G FC, 10G CPRI 1330nm Tx 1270 Rx, Bi-di 10km	Lightron	WSPXG-HS3LC-IEA	
10G SONET/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 SONET/SDH, 622M/155M SONET/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+	✓	✓				✓	✓		SFP+ 10G CPRI 1310nm RDH 102 65/2	Ericsson/Oclaro	TRS5013WV-0043	
	✓	✓				✓	✓		SFP+ 10G CPRI 1310nm RDH 102 65/3	Ericsson/Oclaro	TRS5021EV-SB01	
	✓	✓				✓	✓		SFP+ 10G CPRI 1310nm RDH10265/2 R1A	Ericsson/Finisar	FTLX1370W3BTL-E7	
	✓	✓				✓	✓		SFP 3.1G CPRI 1310nm RDH 102 47/2	Ericsson/Delta	LCP-2488B4HRT-E	
Nokia/ALU SFP/SFP+	✓	✓				✓	✓		SFP+ 1AB42938001 CPRI 2-9 SMDP 6.144G 15km S01.01	ALU/WTD	RTXM228-618-AW	
	✓	✓				✓	✓		SFP+ 1AB187280065 3G 15 km S-16.1/CPRI 1-4 S1.1	ALU/WTD	RTXM192-436-AW	
	✓	✓				✓	✓		SFP+ 1AB41006001 CPRI 3-7 9.8304G 10km 1 temp S1.1	ALU/WTD	RTXM228-402-AW	
	✓	✓				✓	✓		SFP ALLU16-OF38000295	ALU/OE Solutions	PT7620-61-2W+	
	✓	✓				✓	✓		SFP ALLU15-FA29108489	ALU/Finisar	FTLF1421P1BTL-AW	
	✓	✓				✓	✓		SFP ALLU14-HL47002836	ALU/Source Photonics	SPP8FLRIDFFAW	
	✓	✓				✓	✓		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	✓	✓		✓	✓	✓			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	Finisar	FTLF1426P2BTL	
	✓	✓		✓	✓	✓			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	Finisar	FTLX147103BTL-E8	

Notes: 1. SFP/SFP+ Optical interface recommendations for CPRI and OBSAI line rates as per document CPRI Interface Specification V5.0 and OBSAI RP3 specifications Version 4.2.  
 Viavi TBSRD/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.  
 2. For the MSAMv2 (C0400-V2, C0404-V2, C1010-V2), SFP+ module support requires a SFP+ PIM.  
 3. These modules have been tested with the designated platform. They are not sold by Viavi Solutions.  
 4. Requires use of appropriate CFP2 adapter from Viavi Solutions. CFP2 to CFP4 adapter required for support of CFP4 modules, CFP2 to QSFP28 adapter required for QSFP28 modules.  
 5. When used on the CSAM with CFP2 to QSFP28 adapter, some circumstances may require that CDL bypass is enabled for the Tx and Rx side under expert mode settings for proper operation.  
 6. 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>.

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