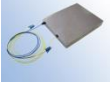
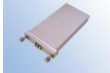
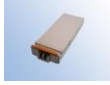
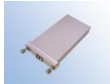







Fujitsu Optical Components Line-up



Part Number	Data Rate [Gbps]	Wavelength [nm]	Max Power Consumption [W]	Tc [°C]	Size (L x W x H) [Inches]	Distance [Km]	400G OTN (OTU-5) (*4)	400G Ethernet	100G OTN (OTU-4)	100G Ethernet	10G OTN (OTU-2)	SONET OC-192	10G Ethernet	10x Fiber Channel
100G OIF 168pin Coherent Transceiver														
FIM85200	127.156	Full C-band Tunable (50GHz spacing)	- (*1)	0 to 70	5.0 x 4.0 x 0.59	(±40,000ps/nm)		●						
100G CFP DCO Transceiver														
FIM38000/100	111.810	Full C-band Tunable (50GHz spacing)	- (*1)	0 to 70	5.71 x 3.03 x 0.55	80 (±2,000ps/nm)		●	●					
FIM38100/100			- (*1)		0.55	< 1000 (±20,000ps/nm)								
100G CFP2 ACO Transceiver														
FIM38500 (Class 1)	127.156	Full C-band Tunable (Flex-grid)	12	0 to 70	4.23 x 1.63 x 0.49	(*2)		●	●					
FIM38550 (Class 2)					(*2)									
100G CFP Transceiver														
FIM37101	103.1/111.8	L0: 1294.53 to 1296.59 L1: 1299.02 to 1301.09 L2: 1303.54 to 1305.63 L3: 1308.09 to 1310.19	15	-5 to 70	5.71 x 3.03 x 0.55	10		●	●					
FIM37102 (*3)			16		40									
FIM37201														
FIM37202 (*3)														
100G CFP2 Transceiver														
FIM37301	103.1/111.8	L0: 1294.53 to 1296.59 L1: 1299.02 to 1301.09 L2: 1303.54 to 1305.63 L3: 1308.09 to 1310.19	8	-5 to 70	4.23 x 1.63 x 0.49	10		●	●					
FIM37302 (*3)			9		40									
FIM37401														
FIM37402 (*3)														
100G QSFP28 Transceiver														
FIM37700	103.1/111.8	L0: 1294.53 to 1296.59 L1: 1299.02 to 1301.09 L2: 1303.54 to 1305.63 L3: 1308.09 to 1310.19	4	0 to 70	2.8 x 0.72 x 0.33	10		●	●					
FIM37800 (*3)			5			40								
400G CFP8 Transceiver														
FIM39000 (*3)	425/ TBD (*4)	L0: 1272.55 to 1274.54 L1: 1276.89 to 1278.89 L2: 1281.25 to 1283.27 L3: 1285.65 to 1287.68 L4: 1294.53 to 1296.59 L5: 1299.02 to 1301.09 L6: 1303.54 to 1305.63 L8: 1308.09 to 1310.19	14	0 to 70	4.23 x 1.57 x 0.37	2/10	●	●						
XFP Transceiver														
FIM31063/120Wxx	9.95 to 11.3	DWDM C-band (100GHz spacing)	3.5	-5 to 70	3.1 x 0.72 x 0.33	(0ps/nm ~ +1600ps/nm)		●	●	●	●			
FIM31053/110	9.95 to 11.3	1550	4.5	-40 to 85	3.1 x 0.72 x 0.33	80		●	●	●	●			
FIM31053/120			3.5	-5 to 70										
FIM31113/110		1550	3.5	-40 to 85										
FIM31113/120			3.1	-5 to 75			40							
SFP+ Transceiver														
FIM35061Wxx	9.95 to 11.1	DWDM C-band (100GHz spacing)	1.5	0 to 70	2.22 x 0.54 x 0.34	(-500ps/nm ~ +1600ps/nm)		●	●	●	●			
FIM35051	9.95 to 11.1	1550	1.5	0 to 70	2.22 x 0.54 x 0.34	80		●	●	●	●			
FIM35032/110			1.8	-40 to 85		40								

(*1) Available upon request (*2) Depends on modulation format
(*3) Under development (*4) To be determined by ITU-T



Part Number	Baud Rate (Gbaud)	Drive Method	Wavelength [nm]	Drive Voltage (V _r) (at RF) [V]	Alpha Parameter	RF Connector	T _c [°C]	Size (L x W x H) [inches]	DP-xQAM	DP-QPSK	
LiNbO₃ Modulator											
FTM7992HMA (*4)	64	Single - Ended	C-band	≤4.2 (at 64Gbps)	0	G3PO	-5 to 75	3.21 x 0.49 x 0.26	●	●	
FTM7990HKA (*5)	32		C-band	≤ 3.5 (at 32Gbps)		FPC		3.23 x 0.39 x 0.22	●	●	
FTM7977HQA			L-band			GPPO		3.56 x 0.52 x 0.27	●	●	
(*5) Under development (*6) SFF type ● 400G ● 200G ● 100G											



Part Number	Baud Rate (Gbaud)	3dB Cut-off Freq. [GHz]	Wavelength [nm]	Output Volt. Swing [mVp-p]	Power Consumption [W]	RF Connector	T _c [°C]	Size (L x W x H) [inches]	DP-xQAM	DP-QPSK	
Integrated Coherent Receiver											
FIM24901 (*6)	64	>40	1528 to 1567	300 to 700	TBD	CPW	-5 to 85	0.98 x 0.47 x 0.22	●	●	
FIM24721 (*7)	32	Typ. 22		300 to 900	Max. 1.5	CPW		0.98 x 0.47 x 0.22	●	●	
(*7) Under development (*8) VOA integrated type ● 400G ● 200G ● 100G											



■ All of Fujitsu's transceivers, modulators and receivers are RoHS6 compliant.

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