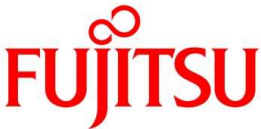


Fujitsu Optical Components Line-up



CFP2 DCO Transceiver

Part Number	Maximum Data Rate [Gbps]	Wavelength [nm]	Max Power Consumption[W]	Tc [°C]	Size(L x W x H) [mm]	Distance [Km]
FIM38750	400(*2)	Full C-band Tunable	-5 to 70	107.5 x 41.5 x 12.4	Metro	400km(*2)
FIM38760	200(*2)					2500km(*2)

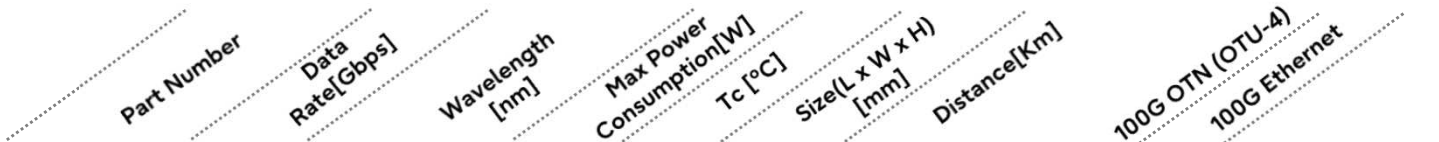
OSFP DCO Transceiver

Part Number	Maximum Data Rate [Gbps]	Wavelength [nm]	Max Power Consumption[W]	Tc [°C]	Size(L x W x H) [mm]	Distance [Km]
FIM38800	400	Full C-band Tunable	0 to 75	100.4 x 22.6 x 13.0	ZR	120km
FIM38850(*3)	400(*2)				OpenZR+ MSA	400km(*2)

QSFP56-DD DCO Transceiver

Part Number	Maximum Data Rate [Gbps]	Wavelength [nm]	Max Power Consumption[W]	Tc [°C]	Size(L x W x H) [mm]	Distance [Km]
FIM38900	400	Full C-band Tunable	0 to 75	93.3 x 18.4 x 8.5	ZR	120km
FIM38950(*3)	400(*2)				OpenZR+ MSA	400km(*2)

(*1) Available upon request (*2) Depends on modulation format and FEC (*3) Under development



100G QSFP28 Transceiver

Part Number	Data Rate [Gbps]	Wavelength [nm]	Max Power Consumption[W]	Tc [°C]	Size(L x W x H) [mm]	Distance [Km]		
FIM37801/112	103.1	L0: 1294.53 to 1296.59 L1: 1299.02 to 1301.09 L2: 1303.54 to 1305.63 L3: 1308.09 to 1310.19	4.8	0 to 70	71.1 x 18.3 x 8.4	4WDM40 MSA	40 (*1)	
FIM37801/162	103.1/111.8		4.7			40/30(*3)		
FIM37801/172	103.1		4.7				40/30(*2)	
FIM37811/112	103.1		5	-40 to 85		4WDM40 MSA	40 (*1)	
FIM37000/172	103.1		5.5	0 to 70		ZR4 TxOMA+2.5dBm	80 (*4)	
FIM37000/173	103.1		5.5			ZR4 TxOMA+3.5dBm		
FIM37000/162	103.1/111.8		5.5			ZR4 TxOMA+2.5dBm		
FIM37000/163	103.1/111.8		5.5			ZR4 TxOMA+3.5dBm		
FIM39800/172 (*6)	106.25		L: 1308.09 to 1310.19	4.5		0 to 70	ER1	40(*5)
FIM39910/172 (*6)	106.25		L: 1308.09 to 1310.19	4.5		-40 to 85	ER1-BiDi	30(*5)
FIM39920/172 (*6)		L: 1303.54 to 1305.63						
FIM39930/172	106.25	L: 1308.09 to 1310.19	4.5	-5 to 85				
FIM39940/172		L: 1303.54 to 1305.63						
FIM39710/172 (*6)	106.25	L: 1304.5 to 1317.5	4.5	-40 to 85	LR1-BiDi	20(*5)		
FIM39720/172 (*6)		L: 1284.5 to 1297.5						
FIM39730/172	106.25	L: 1304.5 to 1317.5	4.5	-5 to 85				
FIM39740/172		L: 1284.5 to 1297.5						

(*1) 40km w/ host card's RS(528, 514) FEC (*2) 30km interoperability w/ existing ER4 (w/o FEC) , 40km w/ host card's RS(528, 514) FEC
 (*3) 103.1Gbps: 30km interoperability w/ existing ER4 (w/o FEC), 40km w/ host card's RS(528,514) FEC, 111.8Gbps: 30km w/ host card's RS(255,239) FEC
 (*4) 80km w/ host card's RS(528, 514) FEC (*5) with KP1 FEC inside Module (*6) Under development

LiNbO₃ Modulator

Part Number	Baud Rate (Gbaud)	Drive Method	Wavelength	Drive Voltage(V _m) (at RF) [V]	Alpha Parameter	RF Interface	T _c [°C]	Size (L x W x H) [mm]	DP-16QAM	DP-QPSK
FTM7992HM	64	Single - Ended	C-band	≤4.2 (at 64Gbps)	0	G3PO	-5 to 75	81.7 x 12.5 x 6.5	●	●
FTM7995HN	45		C-band	≤4.5 (at 45Gbps)		GPPO		90.5 x 13.5 x 7.0	●	●
FTM7979HKA (SFF type)	32		C-band	≤ 3.5 (at 32Gbps)		FPC		82.0 x 10.0 x 5.5	●	●
FTM7977HQA			L-band			GPPO		90.5 x 13.5 x 7.0	●	●

● 400G ● 300G ● 200G ● 150G ● 100G

Thin-Film LiNbO₃ Coherent Driver Modulator

Part Number	Baud Rate (Gbaud)	3dB Cut-off Freq. [GHz]	Wavelength	Power Consumption [W]	RF Interface	T _c [°C]	Size (L x W x H) [mm]	DP-16QAM	DP-QPSK
FTM8200JM	96	Typ. 50	C-band L-Band	5.5	SMT	-5 to 75	<30.0 x 12.0 x 5.5	●	●

● 600G ● 300G

Integrated Coherent Receiver

Part Number	Baud Rate (Gbaud)	3dB Cut-off Freq. [GHz]	Wavelength [nm]	Output Volt. Swing [mVp-p]	Power Consumption [W]	RF Interface	T _c [°C]	Size (L x W x H) [mm]	DP-16QAM	DP-QPSK
FIM24942 (VOA Integrated)	96	Typ. 50	C-Band	300 to 700	Typ. 1.7	SMT	-5 to 85	23.0 x 12.0 x 5.5	●	●
FIM24902 (VOA Integrated)	64	Typ. 40		300 to 700	Typ. 1.4			23.0 x 12.0 x 5.5	●	●
FIM24725 (VOA Integrated)	32	Typ. 22		300 to 900	Typ. 1.4			23.0 x 12.0 x 5.5	●	●

● 600G ● 400G ● 300G ● 200G ● 100G

■ All of Fujitsu's transceivers, modulators and receivers are RoHS10 compliant.

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