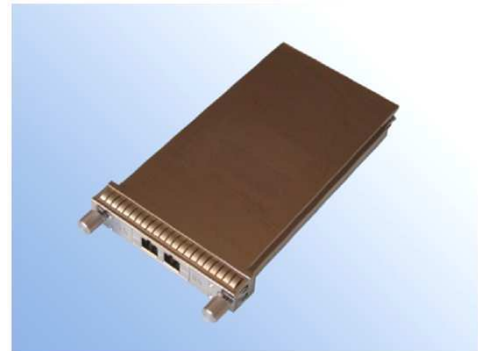


100GE CFP Transceiver

Description

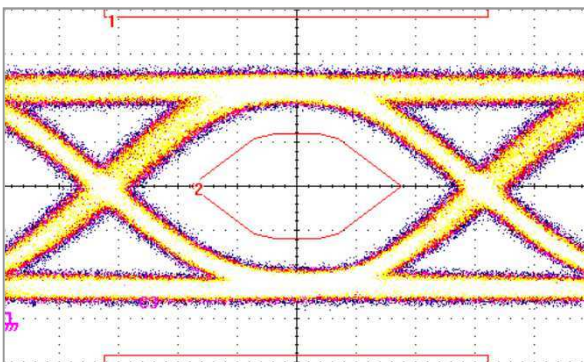
- CFP MSA Compliant
- Data rate 103.125G (100GE) & 111.809G (OTU-4)
- Hot-pluggable
- +3.3V single power supply
- Dimensions (L × W × H): 145 × 77 × 14 mm
- RoHS compliant



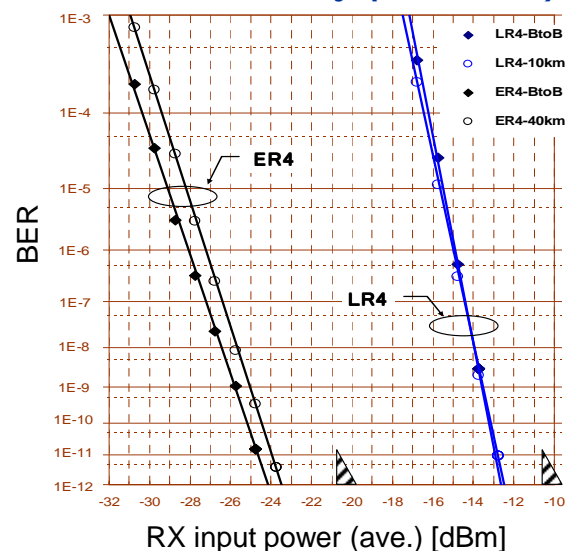
Specifications

Part Number	Unit	FIM37100	FIM37200	FIM37101	FIM37201
Application	-	100GBASE-LR4 / OTU-4	100GBASE-ER4 / OTU-4	100GBASE-LR4 / OTU-4	100GBASE-ER4 / OTU-4
Data Rate, each lane	Gbps	25.78125 / 27.9525			
Lane Wavelength (800GHz spacing)	nm	L0: 1294.53 to 1296.59 L2: 1303.54 to 1305.63		L1: 1299.02 to 1301.09 L3: 1308.09 to 1310.19	
Distance	Km	10	40	10	40
Average Launch Power, each lane	dBm	-2.5 to +2.9	-2.7 to +2.9	-2.5 to +2.9	-2.7 to +2.9
Extinction Ratio	dB	7	8	7	8
Penalty	dB	1.5	2.5	1.5	2.5
Average Receive Power, each lane	dBm	-10.6 to 4.5 @1e-12	-20.9 to 2.9 @1e-12	-10.6 to 4.5 @1e-12	-20.9 to 4.5 @1e-12
Operating Case Temp.	°C	0 to 70		-5 to 70	
Max Power Consumption	W	24	28	14	16

Optical Waveform (LR4/ER4)



Receiver Sensitivity (LR4/ER4)



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Specifications are subject to change without prior notice.