

100G/200G/400G Data Center Portfolio (III –V)



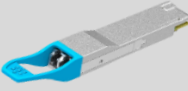
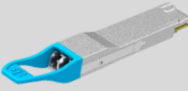

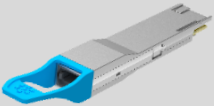

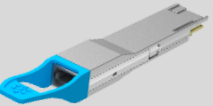
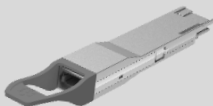



Data Center	25G NRZ per Lane		50G PAM4 per Lane			
	100G QSFP28	200G QSFP-DD	200G QSFP-DD	200G QSFP56	400G QSFP-DD	
SMF	60KM	ZR4(EML+SOA) (2021, Q1)		ZR4(SOA) (2021,Q3)		
	30KM~40KM	ER4(EML+SOA) (2021. Q1) ER4(DML+SOA) (2021. Q2)		(2021,Q4) ER4	ER4(21,Q2)	
	10KM	LR4(DML)/LR4(EML) 4WDM-10	LR8	(2021,Q3) LR4	LR4	(2021,Q2) LR8
	2KM	PSM4 /CLR4	PSM8		eFR4/FR4(21,Q1)	
	500M	PSM4	PSM8		DR4	PSM8 (2020, 12)
	MM 100M	SR4 / AOC	SR8 / AOC		SR4 / AOC	SR8/AOC

Leading 200G Portfolio

400G (100G Lambda) Data Center Portfolio



Data Center		III -V Tech (EML)		Silicon Photonics		
		100G PAM4 per Lane		100G PAM4 per Lane		
		100G QSFP28	400G QSFP-DD	100G QSFP28	400G QSFP-DD	800G QSFP-DD
SMF	40KM				 (2021, Q4) ER4	
	10KM	 (2021, Q2) LR1			 (2021, Q3) LR4	 (2022) LR8
	2KM					
	500M	 (2021, Q2) DR1	 (2021, Q3) DR4	 (2021, Q3) DR1	 (2022, Q1) DR4	 (2022.Q2) PSM8
MM	100M				 (2021.Q4) SR8/AOC	

Coherent Product Roadmap



Schedule Rate/ Modulation	2018	2019.12	2020.09	2021.Q2	2021.Q4	2022
400G (60G Baud DP-16QAM)					 400G CFP2 DCO	 400G QSFP-DD ZR+
200G (32G Baud DP-16QAM)				 200G CFP2 DCO		
100G (32G Baud DP-QPSK)	 100G CFP DCO Gen1	 100G CFP DCO Gen2	 100G CFP2 DCO			