

Product Guide

PON transceivers



Application	Transceiver	Data Rate	Output Power (dBm)	Wavelength (nm)	Case Temperature(°C)	Part No.	
EPON	EPON ONU	TX: 1.25Gb/s RX: 1.25Gb/s	+2.5 ~ +7	TX: 1310 RX: 1490	0 ~ +70	MSOE22-x ^① D6C-ACT1 MSOE22-x ^① D6C-DCT1	
	EPON OLT PX20+	TX: 1.25Gb/s RX: 1.25Gb/s		TX: 1490 RX: 1310		MSLE20-D6C-CT1	
10G EPON	10G EPON ONU Asymmetric	TX: 1.25Gb/s RX: 10Gb/s	+2 ~ +6	TX: 1270 RX: 1577	0 ~ +70	MPOT22-x ^① D6C-T1	
	10G EPON ONU Symmetric	TX: 10Gb/s RX: 10Gb/s		TX: 1270 RX: 1577		MPOF22-x ^① D6C-T1	
	10G EPON OLT Symmetric	TX: 10 & 1.25Gb/s RX: 10/1.25Gb/s		TX(1577): +2 ~ +5 TX(1490): +2 ~ +7		TX: 1577&1490 RX: 1270/1310	MPLF20-D6C-T1
GPON	GPON ONU	TX: 1.25Gb/s RX: 2.5Gb/s	+1.5 ~ +5	TX: 1310 RX: 1490	0 ~ +70	MSOG22-x ^① D6C-ACT1 MSOG22-x ^① D6C-DCT1	
	GPON OLT B+	TX: 2.5Gb/s RX: 1.25Gb/s		TX: 1490 RX: 1310		MSLG20-D6C-BT1	
	GPON OLT C+	TX: 2.5Gb/s RX: 1.25Gb/s		+3 ~ +7		TX: 1490 RX: 1310	MSLG20-D6C-CT1
	GPON OLT C++	TX: 2.5Gb/s RX: 1.25Gb/s		+6 ~ +10		TX: 1490 RX: 1310	MSLG20-D6C-DT1
XGPON	XGPON ONU	TX: 2.5Gb/s RX: 10Gb/s	+2 ~ +6	TX: 1270 RX: 1577	0 ~ +70	MPOX22-LD6C-T1	
	XGPON OLT N1	TX: 10Gb/s RX: 2.5Gb/s		TX: 1577 RX: 1270		MPLX20-D6C-BT1	
	XGPON OLT N2a	TX: 10Gb/s RX: 2.5Gb/s		+4 ~ +8		TX: 1577 RX: 1270	MPLX20-D6C-CT1
XGSPON	XGSPON ONU	TX: 10Gb/s RX: 10Gb/s	+2 ~ +5	TX: 1270 RX: 1577	0 ~ +70	MPOS22-LD6C-T1	
	XGSPON OLT N1	TX: 10Gb/s RX: 10/2.5Gb/s		TX: 1577 RX: 1270		MPLS20-D6C-B2T1	
	XGSPON OLT N2	TX: 10Gb/s RX: 10/2.5Gb/s		+4 ~ +7		TX: 1577 RX: 1270	MPLS20-D6C-C2T1
Combo PON	XGSPON&GPON Combo B+	TX: 10 & 2.5Gb/s RX: 10/2.5 & 1.25Gb/s	TX(1577): +2 ~ +5 TX(1490): +1.5 ~ +5	TX: 1577&1490 RX: 1270&1310	0 ~ +70	MPL020-D6C-B4T1	
	XGSPON&GPON Combo C+	TX: 10 & 2.5Gb/s RX: 10/2.5 & 1.25Gb/s	TX(1577): +5 ~ +8 TX(1490): +3 ~ +7	TX: 1577&1490 RX: 1270&1310		MPL020-D6C-C4T1	
	XGSPON&GPON Combo B+	TX: 10 & 2.5Gb/s RX: 2.5 & 1.25Gb/s	TX(1577): +2 ~ +5 TX(1490): +1.5 ~ +5	TX: 1577&1490 RX: 1270&1310		MPLC20-D6C-B4T1	
	XGSPON&GPON Combo C+	TX: 10 & 2.5Gb/s RX: 2.5 & 1.25Gb/s	TX(1577): +5 ~ +8 TX(1490): +3 ~ +7	TX: 1577&1490 RX: 1270&1310		MPLC20-D6C-C4T1	

① indicates the BEN mode definition:

"L" indicates Low-Burst mode, e.g. MSOE22-LD6C-ACT1 is a Low-Burst mode AC-Coupled GPON ONU.

"Null" indicates High-Burst mode, e.g. MSOE22-D6C-ACT1 is a High-Burst mode AC-Coupled GPON ONU.

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