

Combo PON OLT SFP+ Transceiver

Description

QXP Combo PON Transceiver: This unique design integrates the GPON and XGPON into an SFP+ structure. The Combo PON transceiver is designed for FTTx OLT with CW mode downstream 2.488/9.953Gbps and burst mode upstream 1.244/2.488Gbps. The products meet ITU-T G984.2 and G987.2 requirements and are compliant to RoHS 6/6.



Key Features

- ✧ Integrated GPON and XGPON OLT
- ✧ Hot-Pluggable SFP+ form factor
- ✧ CW Mode Downstream 2.488/9.953Gbps
- ✧ Burst Mode 1.244/2.488Gbps receiver
- ✧ Support Classes D1/D2/N1/N2a etc
- ✧ Commercial Temperature Range
- ✧ RoHS 2.0 Compliant

Applications

- ✧ FTTx

Combo PON OLT Transceiver Main Specifications

TRX	Tx				Rx			
P/N	Bit Rate (Gbps)	Average Power (dBm)	Wavelength (nm)	ER (dB)	Bit Rate (Gbps)	Wavelength (nm)	Sensitivity (dBm)	Class
QBP0001Z-SEA-D	9.95328	5~9	1575~1580	>8.2	2.48832	1260~1280	-30.5*	C+
	2.48832	4.5~8.5	1480~1500	>8.2	1.24416	1290~1330	-31**	C+

*@BER 1E-4; **@BER 1E-10