XGSPON Combo PON OLT

Variants

B+ CXGS-20 C+

Details

XGS-PON / GPON Combo OLT Optical Transceiver

The **XGS-PON / GPON Combo OLT Optical Transceiver** is a high-performance SFP+ optical module designed for FTTH, ISP, telecom, and enterprise broadband networks. It supports both GPON and XGS-PON services in a single module, allowing network operators to upgrade existing GPON infrastructure while deploying next-generation 10G PON services.

Category	Specification
Product Type	XGS-PON / GPON Combo OLT Optical Transceiver
Form Factor	SFP+
Standards	ITU-T G.9807.1, ITU-T G.987.2, ITU-T G.984.2
Optical Connector	SC/UPC
XGS-PON TX	1577nm, 9.953Gbps, EML Laser
XGS-PON RX	1270nm, 9.953Gbps / 2.488Gbps, APD-TIA Receiver
GPON TX	1490nm, 2.488Gbps, DFB Laser

Category	Specification
GPON RX	1310nm, 1.244Gbps, APD-TIA Receiver
Digital Diagnostics	DDM / RSSI Monitoring Supported
Power Supply	3.3V DC
Power Consumption	? 3W
Operating Temperature	0°C to +70°C
Storage Temperature	-40°C to +85°C
Operating Humidity	5% to 85% RH
Storage Humidity	5% to 90% RH
Compliance	RoHS
Applications	XGS-PON OLT, GPON OLT, FTTH Networks, ISP Broadband, Tel Services, Enterprise Fiber Access

Note: This Combo OLT SFP+ module supports both GPON and XGS-PON services simultaneously, making it ideal for network upgrades while protecting existing GPON investments.

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