

Russian Optical Line Terminal 100G



Overview

GP5810-08 OLT is a highly integrated, large-capacity XG (S)-PON OLT for operators, ISPs, enterprises, and campus applications. The product follows the ITU-T G. 988 technical standard, and can be compatible with three modes of G/XG/XGS at the same time. Explore our range of high-quality GPON, EPON, and XG (S)PON OLT products. Find the perfect Optical Line Terminal solutions for your network needs. Pluggable coherent optic transceivers integrate all the functions needed in a digital coherent optic (DCO), including the coherent digital signal processor (DSP), the optics needed for light transmission, modulation and detection, and the microprocessor electronics for turn-up and operation. All. At the heart of a point-to-multi-point or passive optical network (PON) is the optical line terminal (OLT). Modern OLTs offer communication service providers (CSP) the ability to launch multigigabit services to tens of thousands of subscribers from a single location or just ten.



Article Content

Dec 11, 2025

PSE 100G/400G pluggable coherent optics

It supports a range of baud rates and modulations including QPSK, 8QAM, and 16QAM, which enables operation at 100G, 200G, 300G and 400G over a single wavelength, across hundreds to thousands

Jun 28, 2025

Planet GPN-100 1-Port GPON Optical Network

Planet GPN-100 ist ein optisches Gpon-Netzwerk-Terminal mit einem Gpon-Anschluss und einer Gigabit-Ethernet-RJ45-Schnittstelle. Bei der Funktion mit

Aug 16, 2025

100G data corridor to service Russia, Europe and Middle East

Russia's largest telecoms firm, Rostelecom, is increasing the speed and capacity of its optical backbone network, which moves vast amounts of data from Europe through Russia to the

Jan 25, 2026

Vimpelcom deploys 100G in Russia

Ciena Corporation, the network specialist, today announced that global telecoms service provider VimpelCom has deployed Ciena's 100G coherent optical networking technology in its backbone

Feb 17, 2026

OLT, Optical line terminal

The ISCOM6860 is a high-density carrier-grade Optical Line Terminal (OLT) platform. It offers EPON, 10G EPON, GPON, XGS-PON and leased line access,

May 13, 2026

100G Lambda MSA

100G Lambda MSA is an industry consortium with a common focus to provide a new set of optical interface specifications, developed around an optical channel data rate of 100Gb/s.

Aug 18, 2025

Buy TP-Link GPON Optical Line Terminal Online. TP-Link UK ...

TP-Link DeltaStream 8-Port Pizza-Box XGS-PON GPON Combo Optical Line Terminal - DS-P7501-08 At a glance:8 x PON ports 2 x 100G QSFP28 ports 2 x 25G SFP28 ports 1 x RJ45 management port

Dec 16, 2025

OLT Devices| High-Quality Optical Line Terminals

Explore our range of high-quality GPON, EPON, and XG (S)PON OLT products. Find the perfect Optical Line Terminal solutions for your network needs.

May 07, 2026

XGSPON COMBO OLT 8PON Optical Line Terminal

GP5810-08 XG (S)-PON OLT | 8-Port Combo XGSPON Optical Line Terminal | 100G Uplink, 1U Rackmount 8*XG (S)-PON/GPON Combo port, 8*GE/10GE SFP+,

Jul 05, 2025

1000km 200G/2000km 100G Coherent CFP2-DCO Optical

The NF2-S100-COH module uses a 104 pin CFP2 MSA connector for all electrical interfaces with the host card, whereas the optical interfaces on the line side are provided through the optical receptacles

Jun 29, 2025

Articles | RASCOM

The network is believed to be the first 100G route connecting Russia to Western Europe and provides carrier and enterprise customers with low-latency connectivity and the region's first

Dec 18, 2025

μLCT 100 Gbps Lasercom Terminal

A 100 Gbps lasercom solution based on commercial 1550 nm telecom components. The μLCT boasts a SEL threshold of > 60 MeV-cm²/mg, SEFI immunity, and a

Apr 26, 2026

Optical line terminal ftth

Optical line terminal ftth (2209 products available) Hot Sale FTTH Solution 1.25gbps Optical Line Terminal FTTH 8 Pon Ports GPON Olt Olt \$1,200.00-\$2,000.00 Min. Order: 1 piece Manufacturer 1G

Apr 25, 2026

Home - MOSTCOM

Mostcom is the world leader in creating wireless optical communication systems with unique technical characteristics, based on Free space optics technology. The company has experience in creating

May 17, 2026

Russia's TransTeleCom goes 100G via Cisco | Lightwave

Russian telecom service provider TransTeleCom (TTK) has launched commercial services over 100-Gbps ultra-long-haul DWDM fiber-optic network routes between St. Petersburg

Sep 22, 2025

OLT (Optical line terminal) | G-PON (Gigabit passive

A gigabit passive optical network (G-PON) comprises optical line terminals (OLTs) and optical network units (ONUs), and Murata's lineup of products for use in

Feb 20, 2026

Ubiquiti U Fiber OLT 4-Port GPON Optical Line Terminal

Ubiquiti U Fiber OLT 4-Port GPON Optical Line Terminal with 3 GPON/1 S Buy Online with Best Price. Express delivery to Saudi Arabia, Riyadh, Jeddah,

Dec 14, 2025

Stationary Terminals

Stationary FSO terminals for high-speed optical links between buildings. Up to 40 Gbps, distance up to 10 km, passive optic-active tracking. Request a quote.

Jan 15, 2026

Russia's Leading Telecom Operator Launches 100G

MOSCOW - October 14, 2013 - TransTeleCom (TTK), one of Russia's largest telecom operators, announced the commercial launch of its 100G Ultra Long Haul (ULH) dense wavelength-division

Aug 02, 2025

Lightspan MF fiber OLT | Nokia

Nokia Lightspan MF is the industry's highest capacity OLT solution designed for 25G PON, 50G PON, and 100G PON fiber broadband services. Learn more.

Nov 06, 2025

Optical Line Terminal — Taikan

Optical Line Terminals Taikan's Optical Line Terminal (OLT) utilizes Gigabit Ethernet Passive Optical Network (GEAPON) technology. The compact design is

Dec 06, 2025

XGSPON COMBO OLT 8PON Optical Line Terminal

GP5810-08 OLT is a highly integrated, large-capacity XG (S)-PON OLT for operators, ISPs, enterprises, and campus applications. The product follows the

Jan 19, 2026

Frontier eyes Nokia's new 100G-ready OLT

Nokia updated its Lightspan MF broadband platform with a new optical line terminal (OLT) capable of supporting up to 100G PON. Already the product is generating interest from top tier

Aug 11, 2025

Frontier eyes Nokia's new 100G-ready OLT

Nokia updated its Lightspan MF broadband platform with a new optical line terminal (OLT) capable of supporting up to 100G PON. | In addition to capacity up to 100G, Nokia said the

Jul 21, 2025

100G QSFP28 to QSFP28 Active Optical Cable (AOC)

PHILISUN 100G QSFP28 Active Optical Cables (AOC) offer a low-cost, high-speed solution for 100Gbps links across data center racks, reaching up to 300m over

Sep 18, 2025

A Comprehensive Guide to 100G Optical Transceiver

Understand 100G optical transceiver form factors like QSFP28, CFP, CFP2, CFP4 and CXP. Learn how they optimize network performance and

Jan 08, 2026

Optical line terminals

Our SDX 6000 Series of software-defined optical line terminals (OLTs) consists of open and disaggregated access devices that support a broad range of PON

Feb 22, 2026

Optical Line Terminals-PON Networks-WDM, OTN & PON

FS provides Optical Line Terminals (Free & Fast Delivery, Expert Tech Support, Outstanding Warranties).

Jan 16, 2026

100Gb/s QSFP28 Transceivers | Optical Interconnect

Amphenol's 100G QSFP28 optical modules include SR4, AOC, AOC break out, CWDM4, LR4, ER4 Lite, ER4 and ZR4 series, which adopt LC or MPO

Contact Us

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