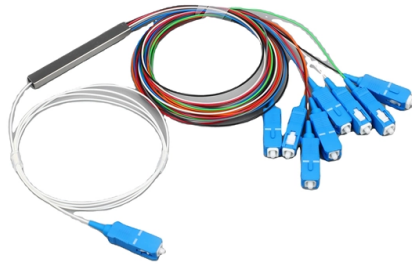


# Oman OLT Optical Line Terminal 100G



## Overview

Equipped with 100G uplink capability, the XGPL-16000 ensures reliable, high-throughput backhaul for a wide range of services—ranging from 4K/8K video streaming, IPTV, and VoIP for FTTH users, to IP surveillance, secure data access, and seamless enterprise connectivity in. Equipped with 100G uplink capability, the XGPL-16000 ensures reliable, high-throughput backhaul for a wide range of services—ranging from 4K/8K video streaming, IPTV, and VoIP for FTTH users, to IP surveillance, secure data access, and seamless enterprise connectivity in. 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. Fiber-to-the-home. 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. It integrates 16 XGS-PON ports, 8 10G SFP+ ports, and 2 40G/100G QSFP28 uplink ports. 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 OLTs is introduced here. Home Products and Solutions InterConnect Switches Products AON Network AON Ethernet H3C S7500X-G Series Optical Line Terminal (OLT) The S7500X-G series PON product is a new generation of high-end multi-service access OLT device launched by New H3C Technologies Co. 14 products SY-GPON-16OLT SY-GPON-8OLT.

## Article Content

Oct 06, 2025

Guide to Optical Line Terminal (OLT) Classifications:

In modern communication networks, optical line terminal (OLT) is the core device to realize point-to-multipoint (P2MP) in passive optical network (PON)

Mar 25, 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 05, 2026

Optical Line Terminal (OLT)

Optical line terminal (OLT) A device that terminates the common (root) endpoint of an ODN, implements a PON protocol, such as that defined by [ITU-T G.984], and adapts PON PDUs for uplink

Feb 19, 2026

What is OLT and Why is it Important in Fiber Networks

What is Optical Line Terminal (OLT)? An OLT is the main device in fiber networks, converting signals and managing data for fast, stable internet

Jul 22, 2025

Optical line terminals

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)

Aug 21, 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

Feb 26, 2026

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.

Dec 22, 2025

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

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 OLTs is introduced here.

Apr 08, 2026

The latest optical line termination (OLT) solutions for 2024

A look at the market for network optical line termination (OLT) equipment and some of the products and solutions available.

Jun 03, 2026

Syrotech SY-GPON-4OLT-L3 Optical Line Terminal Loaded

The Syrotech Sy-Gpon-4Olt-L3 Optical Line Terminal (Olt) is A High-Performance, Advanced Network Device Designed for Efficient & Scalable Fiber-To-The-Home (Ftth) Deployments.

Dec 03, 2025

Defining OLT: Optical Line Terminal

The workings of an OLT: Learn about the role, structure, and operational dynamics of Optical Line Terminals.

Aug 16, 2025

XGPL-16000

Equipped with 100G uplink capability, the XGPL-16000 ensures reliable, high-throughput backhaul for a wide range of services—ranging from 4K/8K video

Aug 18, 2025

Optical line termination

An optical line termination (OLT), also called an optical line terminal, is a device which serves as the service provider endpoint of a passive optical network.

Jan 23, 2026

Guide to Optical Line Terminal (OLT) Classifications: Detailed Types ...

In modern communication networks, optical line terminal (OLT) is the core device to realize point-to-multipoint(P2MP) in passive optical network (PON) architecture. The OLT is responsible not only for

Jul 07, 2025

## 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

Jul 03, 2025

Ubiquiti U Fiber OLT 4-Port GPON Optical Line Terminal with

Ubiquiti U Fiber OLT 4-Port GPON Optical Line Terminal with 3 GPON/1 S Buy Online with Best Price. Express delivery to Oman, Muscat, Salalah

Jul 06, 2025

H3C S7500X-G Series Optical Line Terminal (OLT)

The uplink supports multiple access rates including 100G, 40G, 25G, 10G, and GE. The S7500X-G OLT can achieve simultaneous Ethernet and PON access by adding standard GE/10GE/40G/100G

Mar 13, 2026

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

Apr 25, 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. | In addition to capacity up to 100G, Nokia said the

Oct 18, 2025

The latest optical line termination (OLT) solutions for 2024

The E7-2 XG801 XGS-PON/GPON line card enables 100G deployments in temperature-hardened environments, with two 100G transport uplinks over

## Contact Us

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