

New Zealand Optical Line Terminal 1G



Overview

Each PON line supports 1Gbps upstream and downstream symmetrical bandwidth. The optical line terminal features high QOS and flexible dynamic bandwidth allocation, it can implement any change from 1M to 1G access bandwidth. Our typical optical line terminal adopts 19 inch size rack design, it is with 3U height and 16 slots, every 2 of them is offered to one OLT module. 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. Fibre Optic Transmitters, Receivers, Transceivers 1Gbps, Single-mode, 1310nm, LC, 20Km, DDMI New from this manufacturer. Download the free Library Loader to convert this file for your ECAD Tool. You can still purchase this product for. Hurry, only 3 units left! Hurry, only 1 unit left! Hurry, only 2 units left! Hurry, only 2 units left! Hurry, only 4 units left!. Explore our range of high-quality GPON, EPON, and XG (S)PON OLT products.



Article Content

Jun 01, 2026

Network Transceivers

Ubiquiti UACC-OM-SM-1G-S Single-mode, simplex, fiber transceiver module, 2-Pack, 1.25Gbps SFP+, LC, BiDi, 1310/1550nm, 3km Ships on 18 May Collect on 21 May Add to cart

Jul 07, 2025

atg Technology Group | Innovative optical solutions |

We are a New Zealand owned and operated and have been partnering with some of the largest telecommunication equipment providers in the world, enabling our

May 03, 2026

Exploring the OLT (Optical Line Terminal)

Dive into the heart of fiber networks with our in-depth exploration of Optical Line Terminal (OLT). Uncover the crucial role it plays in revolutionizing high-speed data transmission and network

May 22, 2026

NG XPON ONU G108 1G optical terminal

The new NG PON ONT GPON G108 1G subscriber terminal supports asymmetric data reception/transmission speed up to 1Gbit/s and is designed to work in both EPON and GPON

Jun 05, 2026

Optical Network Terminals (ONTs)

Optical Network Terminals (ONTs) This article contains information to help identify the different onsite equipment that fibre installers provide, and explain the

Mar 23, 2026

Terminal & Depot Contact Details | ONE New Zealand

Home Terminal & Depot Contact Details Terminal & Depot Contact Details

May 10, 2026

What is an Optical Line Terminal (OLT)?

Discover how an Optical Line Terminal (OLT) enables fiber-optic broadband, GPON, and XGS-PON networks for high-speed internet, IPTV, and VoIP services.

Apr 10, 2026

Optical Line Terminal, GPON OLT

The optical line terminal features high QoS and flexible dynamic bandwidth allocation, it can implement any change from 1M to 1G access bandwidth. This

Oct 17, 2025

Update on the German and Australasian Optical Ground Station

The DLR also operates a ground station in Almería, Spain, as part of the European Optical Nucleus Network (EONN). The Australasian Optical Ground Station Network (AOGSN) is a proposed network

Jan 05, 2026

H3C S7500X-G Series Optical Line Terminal (OLT)-H3C

AON (Adaptive Optical Network): S7500X-G can integrate Ethernet line cards, OLT cards in one single chassis, carrying Multichannel Optical Network, and Passive Optical Network in one single chassis at

May 05, 2026

Optical Line Terminal — Taikan

Taikan's Optical Line Terminal (OLT) utilizes Gigabit Ethernet Passive Optical Network (GPON) technology. The compact design is complemented by L2/L3

Mar 13, 2026

Optical Terminal

The OptiXstar product series extends optical connectivity to every home, enterprise, and campus, bringing families closer and making enterprise operations far more

Apr 15, 2026

What Is an OLT? | Definition, Function & Role in GPON

What is an OLT? Definition: An Optical Line Terminal (OLT), also called an Optical Line Termination, is a network device located at the service

Jun 28, 2025

Optical Network Terminal

I'm finally getting around to having fiber installed, but there's a small hitch - the offered ONT model doesn't seem to be appropriate for my somewhat unconventional requirements.

Jun 22, 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.

Jan 13, 2026

A Quick Guide to ONT (Optical Network Terminal)

Understand how an Optical Network Terminal (known as an ONT) functions, how it differs from Optical Line Terminal (OLT), and its Role in

Aug 06, 2025

A Comprehensive Guide to Understanding 1G Optical

1G optical modules play a vital role in modern networking, offering high-speed, reliable, and scalable data transmission. By understanding the

Dec 15, 2025

Optical Line Terminal: The Backbone of Fiber Optic

Learn about the importance of Optical Line Terminals in fiber optic networks and how they enable high-speed, reliable connectivity for users worldwide.

Nov 28, 2025

About | atg Technology Group | Innovative optical solutions

About atg Technology Group Limited Established in 1998, we have grown from small beginnings, partnering with some of the largest telecommunication equipment providers in the world, enabling

Dec 17, 2025

Update on the German and Australasian Optical Ground Station

The Australasian Optical Ground Station Network (AOGSN) is a proposed network of 0.5-0.7 m class optical telescopes located across Australia and New Zealand. The development and progress for

Jun 23, 2026

Tellabs ONT 205 Optical Network Terminal (XGS-PON)

Tellabs XGS-PON Optical LAN requires different fiber optic transceivers in the Optical Line Terminal (OLT) cards, and different Optical Network Terminal (ONT)

May 12, 2026

MTS-SFP-1G-LX/LC Hirschmann | Mouser New Zealand

MTS-SFP-1G-LX/LC Hirschmann Fibre Optic Transmitters, Receivers, Transceivers 1Gbps, Single-mode, 1310nm, LC, 20Km, DDMI datasheet, inventory & pricing.

Jun 24, 2026

UACC-OM-MM-1G-D-2 Ubiquiti UFiber SFP Multi-Mode 1G Module 2

The 1 Gbps Multi-mode Optical Module is an SFP transceiver that supports 1G connections up to 550 m using multi-mode fiber with a duplex LC UPC connector. Comes as 2-pack.

Feb 05, 2026

GPON Optical Line Terminal, 1U 16 Port – PPC Broadband | Product

PPC's GPON OLT meets the relative standard of ITU G.984.x and FSAN, which is a 1U rack-mounted device with one USB interface, four uplink GE ports, four uplink optical ports, two 10-gigabit uplink

Nov 13, 2025

What is a Fibre ONT? | Voyager

An ONT (or Optical Network Terminal) is a small device that is attached to the wall of your home or office, which allows you to get connected to

Jun 08, 2026

FlexSym Optical Line Terminal One (OLT1)

The Tellabs FlexSym® Optical Line Terminal One (OLT1) provides a small form-factor OLT supporting both GPON and XGS-PON in the same OLT. It provides

Sep 18, 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

Jan 07, 2026

New Technologies | atg Technology Group | Innovative

New Technologies OFL200 Handheld Optical Fiber Fault Locator The OFL200 Handheld Optical Fiber Fault Locator is newly developed equipment designed for

Contact Us

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