

Vietnam Optical Line Terminal 1G



AI Overview

1G ONTs in Vietnam, such as Nokia G-010G-A, SNR-ONT-1G, and ZTE ZXHN F401, provide gigabit internet speeds over fiber networks for homes and businesses.

Overview of ONTs An Optical Network Terminal (ONT) is a device that converts optical signals from a fiber network into electrical signals usable by devices like computers, TVs, and phones. It connects directly to an Optical Line Terminal (OLT) at the service provider's central office via fiber and often includes additional networking functions such as routing, Wi-Fi, and switching. ONTs are essential for delivering high-speed internet, IPTV, VoIP, and VPN services to multiple devices simultaneously.

Popular 1G ONTs in Vietnam

1. **Nokia G-010G-A** Supports 1Gbps upstream and downstream over GPON networks. Provides a Gigabit Ethernet (GigE) interface for user devices. Suitable for business offices, hospitals, hospitality, and residential deployments. Can be mounted on a desktop, wall, or ceiling. Managed via Nokia 5571 Passive Optical LAN Command Center and compatible with Nokia 7360 ISAM FX access nodes.
2. **SNR-ONT-1G** Compliant with ITU-T G.984 GPON standard. Supports upstream 1.25Gbps and downstream 2.5Gbps, with a Gigabit Ethernet downlink (10/100/1000Base-T) for subscriber devices. Designed for single or multi-dwelling units, extending the core optical network to end users. Provides intelligent IP-based access for reliable network management.
3. **ZTE ZXHN F401 V6.0** EPON ONT designed for Fiber to the Home (FTTH) networks. Supports up to 1.25Gbps upstream and downstream. Features 1 adaptive 10/100/1000Base-T LAN interface and a stable EPON fiber interface. Compact, energy-efficient design.



Article Content

Nokia and Viettel roll out high-capacity optical network after ...

Press Release Nokia and Viettel roll out high-capacity optical network after achieving 1.2Tb/s optics transmission speed record in Vietnam Viettel to deploy high-capacity optical network while ensuring

Nokia Powers Viettel's 1.2 Tbps Optical Network

Nokia has announced a high-capacity optical network rollout with Viettel, Vietnam's largest service provider. Following a successful trial, which set

Nokia and Viettel roll out high-capacity optical network after ...

Hanoi, Vietnam – Nokia today announced that Vietnam's largest service provider, Viettel will use its optical transport solution to cost-effectively address the ever-growing demand for 5G and Data

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

The first international terrestrial cable line wholly owned

This is a cable line in which Vietnam is a participating partner. For nearly 30 years, Vietnam has never had an international cable line that was

Nokia and Viettel roll out high-capacity optical network after ...

The deployment follows the successful trial of Nokia's PSE-6s with Viettel, which set an optics transmission speed record of 1.2Tb/s per wavelength in a real-world environment.

VnExpress International

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

Vietnam Optical Transceiver Market: Prospects, Trends Analysis,

Vietnam Optical Transceiver Market: Prospects, Trends Analysis, Market Size and Forecasts up to 2028 The country research report on Vietnam optical transceiver market is a

Optical Line Terminal (OLT)

Tenda Optical line terminals, also called optical line terminations (OLTs), serve as endpoints for passive optical networks (PONs).

AN6001-G16 Optical Line Terminal Equipment

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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.

unsupervised_topic_modeling/topics/en/17/100/100/topics at ...

Contribute to annontopicmodel/unsupervised_topic_modeling development by creating an account on GitHub.

The first international terrestrial cable line wholly owned

For nearly 30 years, Vietnam has never had an international cable line that was 100% owned and invested in by Vietnamese people. With a proactive

Leading Vietnamese Service Provider deploys 100G DWDM

FPT Telecom has deployed the Cisco optical transmission system carrying 10G and 100G wavelengths across Vietnam and traffic has been live since September 2012. This network allows simultaneous

Vietnam achieves milestone with undersea cables led

With its strategic investment in fiber optic infrastructure, Viettel not only leads the telecom market but also shapes Vietnam's future as a regional

Massive expansion planned for Vietnam's land and undersea cable ...

Vietnam currently has five international undersea fibre optic cable lines with total available capacity of 34 Tbps. It also has two land cable lines connecting to Hong Kong and

VNPT Launches Vietnam's First Terrestrial Cable Connecting to

Vietnam Posts and Telecommunications Group (VNPT) has officially launched the country's first terrestrial fiber-optic cable directly connecting Vietnam to Singapore, marking a

Nokia Powers Viettel's 1.2 Tbps Optical Network Expansion in Vietnam

Nokia has announced a high-capacity optical network rollout with Viettel, Vietnam's largest service provider.

Opening of the first VSTN international land cable line owned by a ...

This is the first line invested in and owned entirely by Vietnamese people and Vietnamese enterprises. Minister Nguyen Manh Hung hopes that domestic network operators will continue to

VNPT and Viettel expand international fibre-optic network capacity

The Ministry of Science and Technology has confirmed support for the construction of Vietnam's first domestically owned submarine cable directly to Singapore, with an agreement

Massive expansion planned for Vietnam's land and undersea cable ...

It aims to make Vietnam an important link in regional and international digital infrastructure and data transmission. At least two more international terrestrial fibre optic cable lines

Vietnam's largest submarine optical cable line comes

The ADC submarine cable with a capacity of 20 Tbps has come into operation, promising to accelerate international connections from Vietnam,

GPON Optical Line Terminal, 1U 4 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

Vietnam achieves milestone with undersea cables led by local firms

Vietnam has, for the first time, reached a significant digital infrastructure milestone with five international undersea cable systems operated and partially owned by a Vietnamese enterprise,

Contact Us

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