

Manufacturer ONT Optical Network Terminal SFP



AI Overview

Key manufacturers of ONT SFP modules include Nokia, PLANET Technology, ADTRAN, and Advanced Media Technologies, offering GPON and XGS-PON solutions with SFP or SFP+ form factors. Notable Manufacturers and Products Nokia offers the G-010S-A ONT, a GPON SFP module compliant with ITU-T G.984.x standards. It integrates a bidirectional optical transceiver and GPON MAC layer, providing Gigabit Ethernet service to devices such as switches, routers, and DSLAMs, and is compatible with Nokia management platforms. PLANET Technology produces the GPN-SFP, a compact GPON ONU in SFP form factor. It supports 2.5 Gbps downstream and 1.25 Gbps upstream, with a 1:128 splitting ratio and up to 20 km coverage. The module integrates GPON MAC and transceiver functions, supports VLAN, QoS, OMCI, and advanced bandwidth control, and can be inserted directly into SFP slots of switches or routers. ADTRAN provides the SDX 600 Series, which includes feature-rich multiport ONTs and ultra-compact pluggable SFPs. These devices support Gigabit and multigigabit services, simplify FTTH installations, and offer voice, data, and video capabilities. Advanced Media Technologies (AMT) offers the 5311XP XGS-PON SFP+ ONT, supporting symmetrical 10 Gbps data rates with an MSA-compliant SFP+ footprint and SC/APC receptacle, suitable for high-speed fiber deployments. Zhong also provides a portfolio of GPON and XGS-PON ONTs, including SFP-based solutions, widely deployed by telecom operators globally for gigabit broadband access.

Key Features of SFP ONTs

- Form Factor:** Small Form-Factor Pluggable (SFP) or SFP+ for compact deployment.
- Standards Compliance:** ITU-T G.984.x for GPON, XGS-PON for 10 Gbps networks.
- Data Rates:** Typically 1.25 Gbps upstream / 2.5 Gbps downstream for GPON, up to 10 Gbps for XGS-PON.
- Deployment:** Pluggable into switches, routers, or...

Article Content

Mga Madalas Itanong (FAQ) tungkol sa Pagkuha ng OLT Board: Mga

Pangkalahatang-ideya Kapag bumibili ng OLT (Optical Line Terminal) board para sa iyong fiber access network, isa sa mga pinakamahalagang tanong bago ang pagbebenta ay kung kasama na ba sa

Optical Network Terminals (ONT/ONU)

Discover our selection of GPON, EPON, and XG (S)PON ONT/ONU devices. Choose from reliable Optical Network Terminals for seamless connectivity and

Optical network terminals

Our SDX 600 Series offers a comprehensive range of GPON optical network terminals (ONTs), from feature-rich, multiport solutions to ultra-compact, pluggable SFPs.

What is ONT? The Engineer's Guide to Optical Terminals

What is ONT and how does it work? Learn the engineering reality behind the Optical Network Terminal, ONT cables, photoelectric conversion, and LOS troubleshooting.

SFP with PON MAC and w/o PON MAC

The OLT provides an integrated access box for Passive Optical Networks. OLTs are typically chassis with one or more line cards inside, and on each line card there

Optical Network Terminal

Find Optical Network Terminal related suppliers, manufacturers, products and specifications on GlobalSpec - a trusted source of Optical Network Terminal information.

Fiber ONT

Your optical network terminal is your face to your customer, so it had better be good. Get the best fiber ONT for your FTTH broadband services. Read more.

Indoor or Outdoor ONT

Indoor and outdoor ONTs deliver multi-gigabit symmetric speeds and support multiple PON technologies, including GPON and XGS-PON options. Quickly and

ONT/ONU/OLT/Fiber Optic Components

Fiber Optic Equipment Manufacturer The company specializes in FTTH (Fiber-to-the-Home) solutions and provides hardware used to convert optical signals into high-speed internet for homes and

Amazon : Optical Network Terminal

Optical network terminals provide a seamless bridge between fiber optic and Ethernet networks. Discover plug-and-play convenience and auto-negotiation features.

Optical network terminals (ONTs)

White paper An optical network terminal (ONT) is a device used to “convert” the signals from the fiber network into a technology that end-users can use to connect their devices, like laptops, tablets,

OLT Board Procurement FAQ: GPON SFP Modules, Compatibility

Overview When procuring an OLT (Optical Line Terminal) board for your fiber access network, one of the most critical pre-sales questions is whether the necessary GPON SFP ...

NEW Unopened Google Fiber GOGP222C Fiber Jack Modem ONT (Optical

NEW Unopened Google Fiber GOGP222C Fiber Jack Modem ONT(Optical Network Terminal. Condition is New. Shipped with USPS Ground Advantage.

Top ONT Manufacturers for Reliable Fiber Optic Solutions | Global

Top ONT Manufacturers & Suppliers: Your Ultimate Sourcing Guide for Optical Network Terminals Introduction to Sourcing ONT Devices Navigating the complex landscape of ONT (Optical

Fiber ONT

Every broadband optical network terminal you need GPON, XGS-PON or 25G PON, residential or business, with or without voice support (POTS). No matter the features or form factor you need,

Everything You Need to Know About GPON SFP

Learn all about GPON SFP modules, from installation at central offices to customer premises. Upgrade your network with cost-effective and

Optical Network Terminals

Optical Network Terminals. DZS offers a portfolio of ONTs and fiber termination access solutions for those of us living on the edge.

Data sheet SDX 631x

SDN-ready solution business services. Part of the Adtran ecosystem of open-API access products, they enable easy integration into existing network infrastructure and SDN-based management systems.

Free choice of Modem Specification

Free choice of Modem Specification Description of the prerequisites for an Optical Network Terminal (ONT) intended to

Openreach Summarises New ONTs for UK FTTP

Network access provider Openreach (BT) has published a new Suppliers Information Note (SIN) for their Fibre-to-the-Premises (FTTP) broadband ISP

Optical network terminals

Our optical network terminals (ONTs) are designed to address the market with industry-leading voice, data and video capabilities. They make it easier for service providers to drive down costs of FTTH

ONT/ONU/OLT/Fiber Optic Components

Leveraging over 11 years of industry experience, we possess specialized expertise and advanced manufacturing capabilities that enable us to deliver high-quality fiber optic equipment products. From

Optical Terminal

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

Nokia ONT G-010S-A Quick Reference Guide

GPON) Small Form-Factor Pluggable (SFP). The device is G.984.x (1/2/3/4/5) compliant with SFP packaging and integrates a bidirectional optical transceiver function with a GPON m.

China Wholesale Sfp Ont Factory, Manufacturer

Welcome to Hi-Optel Technology, a leading manufacturer and wholesale supplier of SFP ONT (Optical Network Terminal) solutions in China. With years of experience in the telecommunications industry,

Nokia ONT G-010S-Q

The Nokia Optical Network Terminal (ONT) G-010S-Q is the answer for home networking delivered by Gigabit Passive Optical Network (GPON) Small Form-Factor Pluggable (SFP). The device is G.984.x

Contact Us

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