

EPON equipment SFP



Overview

The EPON ONU SFP is a specialized module that contains the full chipset of an ONU (Optical Network Unit). It allows you to plug the module directly into a standard SFP port on a switch, router, or camera, effectively turning that device into an EPON client.

- Wavelengths: 1310nm Tx.

Deploy cost-effective and efficient Fiber-to-the-Home networks with our range of EPON (Ethernet Passive Optical Network) transceivers. Also known as GEAPON, these modules utilize the IEEE 802.3ah standard to deliver symmetric bandwidth of 1. From the Central Office's (CO) Optical Line Terminal (OLT, with SFP GEAPON. FS Product Custom is a customized service provided by FS to meet customers' hardware and software development needs, including product compatibility and software feature development for PicOS®, AmpCon, and transceivers. Use the Compatibility Tool to verify FS transceiver compatibility with your. The EPON network is an advanced, dependable, and secure communication infrastructure designed for delivering high-speed data transmission, adeptly addressing the elevated bandwidth demands of final users. It can fully support the EPON OLT application specified by the.



Article Content

Feb 27, 2026

EPON SFP Transceivers | GEAPON OLT & ONU | PX20+ / PX20++ /

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Jul 22, 2025

EPON Explained: Unlocking High-Speed Fiber Networks

EPON delivers fast, reliable internet using fiber-optic cables with a simple, cost-effective design, making it ideal for homes and businesses seeking

Aug 02, 2025

China EPON ONU SFP transceiver module Manufacturer

An EPON ONU SFP module enhances network flexibility by allowing easy integration and deployment in various environments. Its hot-swappable design enables quick upgrades or replacements without

Jan 18, 2026

A Step-by-Step Introduction to EPON Modules

EPON modules play a pivotal role in facilitating fast and reliable data transmission over fiber optic networks, offering enhanced bandwidth capabilities

Mar 02, 2026

EPON SFP Module Manufacturer

From the Central Office's (CO) Optical Line Terminal (OLT, with EPON SFP transceiver/module) a single strand of fiber goes out to a passive optical splitter

Jan 18, 2026

GEAPON SFP

Ethernet Passive Optical Networks (GEAPON or EPON) is the leading technology being used in FTTx (FTTH) deployments. PON is different than other optical

Dec 21, 2025

EPON Module VS GPON Module: What Are the Main

Our module packages include versatile options such as SFP and SFP+, ensuring compatibility with a wide array of networking equipment.

Oct 28, 2025

SFP Module Fiber PX20+++ for EPON OLT from China

SFP Module Fiber PX20+++ for EPON OLT offered by China manufacturer Shenzhen HS Fiber Communication Equipment CO., LTD. Buy

Feb 22, 2026

What Is the Difference Between PON and SFP Modules? Explained

As fiber optic technologies evolve to meet the demands of cloud connectivity, edge computing, and high-density access networks, understanding the differences between PON (Passive

Aug 01, 2025

10G EPON SFP+ ONU_Product Center_Fiberpon Technology

Features: SFP+ metallic package, SC connector 1270 DFB Laser, Tx1270nm/Rx1577nm, reach up to 20Km +3.3V single power supply Low power consumption operating ambient temperature: Standard:

Aug 06, 2025

EPON OLT SFP PX20+++ - I-Kaizen

Description High quality HSGQ PON port SFP PX20+++ EPON OLT Module Product Features: • 1.25Gb/s serial optical interface compliant to

Jul 18, 2025

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Sep 05, 2025

EPON OLT SFP 1490nmTx/1310nmRx 1.25GTx/1.25GRx 20km DDM

The EPON OLT Small Form-factor Pluggable (SFP) transceiver provides 1.25Gbps downstream and 1.25Gbps upstream data rate, reaching a link up to 20km via an SC/UPC connector. Digital

Oct 25, 2025

EPON OLT/ONU Optical Transceiver Modules | AscentOptics

The EPON optical module is mainly used to connect EPON ONU and EPON ONU equipments. AscentOptics can provide EPON OLT SFP optical transceivers for OLT equipments, it include

Mar 13, 2026

EPON OLT module 1.25G PX20+++ 5db 7db 8dBm SFP

EPON OLT PX20+++ is an SFP packaged hot-swappable optical module (compliant with IEEE 802.3ah 1000BASE-PX20+) used to connect optical data communication links. It adopts a single-fiber

Jun 24, 2026

EPON Stick (EPON SFP-ONU), PX20+, Extended Temp, supporting

Finisar's EPON sticks (FTEN2117P1NUN-BC and FTEN2217P1CUN-BC) are SFP optical transceivers with a built-in 1G EPON ONU. They comply with IEEE802.3ah EPON standard and support CTC OAM.

Mar 17, 2026

Finisar intros EPON Stick in an SFP for DOCSIS Provisioning of EPON

Finisar describes the EPON Stick as the first Small Form-factor Pluggable Optical Networking Unit (SFP ONU) that interoperates with other EPON equipment based on CableLabs' DOCSIS Provisioning ...

Jun 07, 2026

Maximizing Bandwidth and Efficiency with EPON Solutions

Solution & Benefits High Bandwidth EPON network transmission speed has significantly increased, going from short-distance and low-speed to reaching

Dec 28, 2025

16 PON Ports EPON OLT equipment, 4*GE SFP, 4*GE

16 PON Ports EPON OLT equipment, 4*GE SFP, 4*GE COMBO port, 2*10GE/GE SFP, Optical Line Terminal, with SFP modules 16 PON Ports EPON OLT

Jan 24, 2026

Finisar Sticks EPON in an SFP

Finisar's EPON Stick offers pluggable transceiver optics and a complete EPON MAC with DPoE provisioning within the SFP package.

Oct 15, 2025

iszo 1.25G/2.5G XPON/GPON/EPON ONU,SFP Stick

XPON STICK is an ONU with SFP interface, small and exquisite, plug and play, with good heat dissipation and shielding effects. Hot-swappable to work in the SFP

Dec 13, 2025

EPON OLT SFP 20km Transceiver

It is supplied in SFP package with single SC/UPC receptacle connector. It can fully support the EPON OLT application specified by the IEEE802.3ah 1000Base

Sep 19, 2025

EPON OLT SFP Optical Transceiver Module | Superxon

Superxon EPON OLT SFP transceivers, compliant with SFP MSA, support single-fiber bi-directional data links with TX 2.5Gbps and RX 1.25Gbps. Hot-pluggable,

Oct 28, 2025

Syrotech GOXS-BI4312-20PON-4+ EPON SFP

The Syrotech GOXS-BI4312-20PON-4+ EPON SFP is a high-performance Small Form-factor Pluggable (SFP) transceiver module designed for EPON applications.

May 10, 2026

Finisar EPON Stick

the ePON stick provides a pluggable ePON ONu interface for networking equipment with an uplink SFP receptacle enabling these devices to be deployed in ePON networks for fttx, business services, and

Feb 21, 2026

Generic Compatible PX20++ 5dBm EPON OLT 1.25G 1490/1310nm

The PHILISUN EPON OLT PX20++ 5dBm Transceiver is a 1.25G SFP module designed for Optical Line Terminal (OLT) equipment, operating at 1490nm downstream and 1310nm upstream wavelengths

Contact Us

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