

## Epon device testing environment



### Overview

It tests and compares the functionality of OLTs and ONUs and verifies the standard compliance and interoperability of 10G-EPON products from different vendors. It is a powerful tool for telecom operators, MSOs and equipment vendors, as well as for technology and chipset companies. EPON testing uses Ethernet packets instead of the ATM cells that GPON uses. Testing EPON networks is similar to testing GPON/XG(S)-PON networks. The FX120/FX120 Lite should be inserted at the customer premises between between the ONU/ONT and the. Versatile dual-layer tester purpose-built for PON service activation, with added broadband capabilities. GAOTek Optical Fiber PON Power. PON (Passive Optical Network), as an access network technology, can implement fiber optic to the home, satisfying the high-bandwidth requirement of the "last kilometer" in the access layer network. The PON technology includes: · Ethernet PON (EPON), a passive optical network based on Ethernet, is.

## Article Content

### Understanding Passive Optical Network Testing

It dynamically adjusts the testing parameters and automatically performs multiple measurements to achieve the optimum test results. All the information gathered is displayed as a single icon-based ...

### Optical Fiber PON Power Meter for GPON and EPON ...

This product performs in-service testing of all PON signals (1310 nm, 1490 nm, and 1550 nm) at any point in the network. It allows users to conduct pass/fail analysis ...

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### ZXA10 C320 EPON/GPON OLT-PON Tester-Grandway

Intelligent multi pulse width analysis, viewable display of all events of optical fiber link. Test two splitters fiber line 1×4+1×16. Test one splitter fiber line. Remote control of FHO5000 through Ethernet port ...

### EPON/10G-EPON Testing

Power on the FX120/FX120 Lite test set. The unit connects to any network it finds, recognizes the type of network and performs tests using built-in thresholds that follow IEEE protocols and standards.

### Automated End-to-End PON Fiber Test

This document describes how to automatically test the physical layer of a passive optical network (PON) from the central office (CO). This approach reduces provisioning time, improves quality of service ...

### 10G-EPON Xpert

The 10G-EPON Xpert features a rich array of intuitive displays, graphs and tables for testing and troubleshooting of the 10G-EPON OLTs and ONUs. The displayed information includes downstream ...

### EXFO PPM1 PON power meter to test PON, G-PON, EPON, ...

EXFO's PPM1 is compatible with multiple services including GPON, EPON, XGS-PON and 10G-EPON technologies. Its PON-layer wavelength-selective design allows it to measure up to two downstream ...

### 100G-EPON Test Solution Leaflet

More optical access systems are moving to Passive Optical Network (PON) technology to help cope with the explosive increase in broadband services, such as 4K/8K video service.

## Contact Us

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