

# Epon device system testing



## Overview

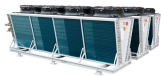
It tests and compares the functionality of OLTs and ONUs and verifies the standard compliance and interoperability of 10G-EPON products from different vendors. It is a powerful tool for telecom operators, MSOs and equipment vendors, as well as for technology and chipset. Versatile dual-layer tester purpose-built for PON service activation, with added broadband capabilities. The PPM1 automatically detects the PON technology in use and self-adjusts the pass/fail criteria. Building reliable PON requires thorough test to assure networks are built as per their design and to prove end build quality in order to meet the tight optical budgets required for successful operation. It is a powerful tool for. AFL's FlowScout Downstream PON Power Meter (DPPM) is designed to automatically detect and simultaneously measure coexistent downstream PON power levels at 1490 nm GPON/EPON and either 1550 nm RF video or 1577 nm XG/XGS/10GEPON. Intuitive interface for easy operation: The FlowScout DPPM features a. EPON testing uses Ethernet packets instead of the ATM cells that GPON uses. Additionally, EPON testing follows IEEE standards. It can be series connected anywhere in your PON network and perform measurement without configuration. OLT information (PON ID\*,Tx

power), ONU information.

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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 ...



The PPM1 is a more compact and highly portable solution ideal for simpler PON installations and day-to-day field-testing tasks. The PPM1 is compatible with multiple services, including GPON, EPON, XGS ...



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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.



This thesis lays the foundation, to be used by the University of New Hampshire InterOperability Laboratory (UNH-IOL), for comprehensive conformance testing of EPON devices.



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.



The AFL FlowScout Downstream PON Power Meter is a versatile and reliable tool for measuring power levels in PON networks. It can automatically detect and simultaneously measure coexistent ...



FOH-100 Series G/EPON Tester is an ideal tool for field technicians to deal with G/EPON network correct installation, activation and maintenance. It can be series connected anywhere in your PON ...



The PPM1 is a more compact and highly portable solution ideal for simpler PON installations and day-to-day field-testing tasks. The ...

## Contact Us

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