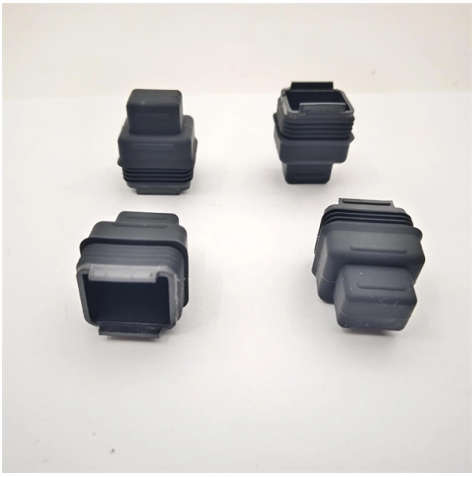
ZITHA TECH SPECIALTY CABLES (Pty) Ltd

Passive Optical Network Comprehensive Tester



Overview

Automatic bi-directional IL, ORL and OTDR test solution for use in the installation, turn-up, and maintenance of FTTx/PON, Access and Metro Networks. A simple to use, intelligent optical fiber meter that performs a full certification and troubleshooting of a fiber link. Energy-efficient passive optical networks establish a foundation for services ranging from high-speed fiber-to-the-home (FTTH) to split RAN 5G fronthaul deployments. This “passive” characteristic reduces both operational complexity and power requirements. Fiber To The X (FTTx) networks use optical fiber to connect subscribers directly to the service provider or CATV operator, and. Are you ready to test and analyze next generation Passive Optical Network (PON) technologies?

The NG-PON Xpert multi-layer analyzer is a unique, real-time protocol analyzer for XG-PON1, NG-PON2 and XGS-PON networks and products.



© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Article Content

Passive Optical Networks | Anritsu America

Anritsu introduces Passive Optical Network (PON) testing solutions that help reduce workload for the end-to-end testing of PON installation and deployment.

NG-PON Xpert

Are you ready to test and analyze next generation Passive Optical Network (PON) technologies? The NG-PON Xpert multi-layer analyzer is a unique, real-time

Passive Optical Network (PON) Test | Comtinu

Comtinu partners with VIAVI for a competitive portfolio of OTDRs that deal with high splitting ratios that PON introduces and other fiber testing tools. As PON

Passive Optical Network : PON Solutions -By Viavi

Automatic bi-directional IL, ORL and OTDR test solution for use in the installation, turn-up, and maintenance of FTTx/PON, Access and Metro Networks. A simple

VIAVI SmartPocket V2 True Passive Optical Network

The VIAVI OLP-39 testers are wavelength selective Passive Optical Network (PON) power meters enhanced with TruePON data analysis for fast simultaneous

Fast and Comprehensive Testing of Fiber Optic Networks and ...

Fast and Comprehensive Testing of Fiber Optic Networks and Components. OTDR measurements with sub-millimeter spatial resolution and no dead zones. Single-scan analysis of passive components

PLC Splitter Market Size, Share | Global Forecast

PLC splitter Market Size, Share, Growth, and Industry Analysis, By Type (PLC Splitter Chips, Compact Devices and Modules), By Downstream Industry (Passive Optical Network (PON)

The Importance of Simulating PON Networks Before

Effectively simulating Passive Optical Networks (PON) during the design and architecture phase is critical for validating the intended performance results.

Understanding Passive Optical Network (PON) Testing

The VIAVI Solutions Understanding Passive Optical Network (PON) Testing poster is aimed at fiber optic engineers, techs and contractors involved in any and all

Understanding Passive Optical Network Testing

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved

Optical test heads can automatically monitor and locate problems in PON networks. This system checks for fiber continuity from the CO to the customer and is the only way to know whether problems stem

Passive Component Tester Configurations

Optical cable specification development includes design and quality testing. FOC''s impact reaches the network physical capabilities through fiber manufacturing process expertise from

A Comprehensive Analysis of Methods for Improving and Estimating

With the growing global deployment of Fiber-to-the-Home (FTTH) networks driven by the demand for ensuring high-capacity broadband services, mobile network operators (MNOs) face

Contact Us

Continue your research online:

Website: https://zithatech.co.za
Technical inquiry: https://zithatech.co.za/contact.html

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

© 2026 ZITHA TECH SPECIALTY CABLES (Pty) Ltd - All rights reserved