Keep your FTTx network HEALTHY with our TESTING solutions

Fiber to the “x” (FTTx) is a collective term used to describe a wide range of broadband network architecture options utilizing optical fiber for some or all of their last mile connectivity. With “x” representing the fiber termination point, FTTx technology encompasses optical fiber deployments such as FTTH, FTTA, FTTB, and FTTC.

Fiber to the x is a central component of next-generation access (NGA), which characterizes the evolution of broadband infrastructure towards enhanced speed and quality of service (QoS).

HDTV, virtual reality (VR) and other bandwidth-hungry applications already push the boundaries of this technology. The IoT, 5G, smart cities and blockchain technology are gaining traction rapidly as the high-speed, low-latency applications for FTTx continue to multiply.

Fiber Microscope P5000i

Applications:

- Ensures physical layer performance by guaranteeing fiber connectivity meet industry standards.
- Instantly captures, analyzes, and grades fiber end face images and obtain a PASS/FAIL result according to pre-configured criteria setting
- Standardizes fiber inspection, analysis, and grading process throughout fiber network

Key Features:

- Repeatable Pass/Fail analysis eliminates subjective guesswork from the measurement process.
- User-selectable acceptance profiles allow certification to any acceptance criteria.
- Includes FiberChekPRO software for analysis and reporting with PC/laptop.
- Automatic Image Centering ensures the fiber in always on the center of the screen.
- Easily connect to a T-BERD/MTS-2000/4000/5800/ 6000A/8000v2, HST-3000, SMARTClass Fiber, Certifier40G, DSAM and CellAdvisor via USB without the need for any additional adapters or software.

OLP 88

Key Features:

- Simple and user-friendly color touchscreen.
- Compact and lightweight instrument (<1kg).
- Data storage of up to 10.000 test results.
- USB, Ethernet and WiFi interfaces.
- 12 hours of battery life.
- Patchcord microscope version and P5000i digital inspection probe compatibility.

Key Benefits:

- GPON ONT activation process verification.
- OLT and ONT identification (serial number extraction).
- Automatic power level measurement and certification for Passive Optical Network (PON) signals.
- In-service fiber plant qualification.
- Rogue ONUs or alien devices identification.
- Automated pass/fail fiber end-faces analysis.

SmartOTDR

Key Features:

- Single-/dual-/tri-wavelength versions with 1310/1550 nm and in-service 1625 or 1650 nm wavelengths.
- Light, compact, hands-free design includes 5" high-visibility outdoor touch screen.
- Integrated CW light source.
- PON optimized to test through a 1x128 splitter ratio with FTTH-SLM.
- Built-in broadband and dual-band selective power meter (1490/1550/1578 nm).
- Automated fiber inspection and macrobend detection with pass/fail analysis software.
- 3G/4G connectivity via USB, Bluetooth/ WiFi options.
- 3-year warranty.
- All-day battery life.
- This product is StrataSync enabled.

Key Benefits:

- Combines all essential fiber tests in one handheld with visual fault locator (VFL), optical power meter (OPM), and P5000i microscope options.
- Simplifies OTDR analysis with Smart Link Mapper (SLM) result view.
- Upgrades easily in the field.
- Automates testing with objective, pass/fail results.
- Enhances productivity anywhere with powerful network connectivity options.