Speed up FTTH distribution fiber tests with Optical Explorer

Pass homes faster to serve new subscribers, without compromising network robustness.

Passing homes

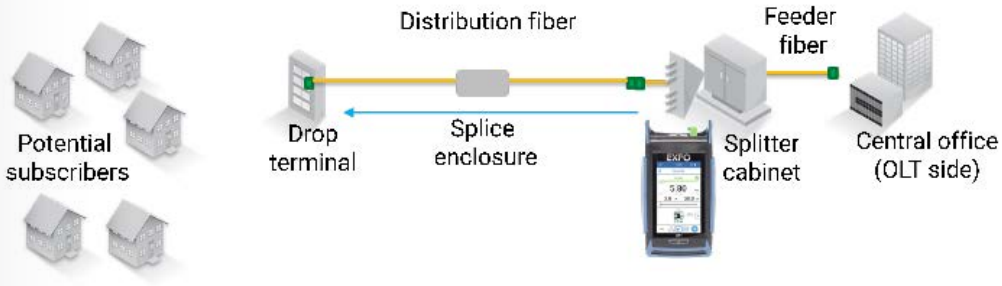
Verify and troubleshoot distribution fiber installed between the drop terminal and the splitter cabinet.

Because time is precious, Optical Explorer measures loss, ORL and fiber length within 5 seconds to validate each fiber link from the splitter cabinet up to all connected drop terminals.

If Optical Explorer flags a link for potential issues, it automatically explores that link for fault presence, type and location.

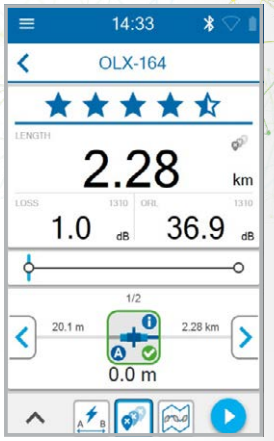
What if a macrobend is suspected in a splice enclosure?

Optical Explorer automatically adds testing at 1310 m to confirm whether it is a faulty splice or macrobend due poor fiber management in the splice enclosure.



What about spliced splitters?

Test from drop terminals to splitter to confirm continuity and verify that there is no excess loss at the splitter cabinet.



Testing from splitter cabinet towards drop terminals

Testing from drop terminal towards splitter cabinet

Optical Explorer's unique combo of speed and built-in intelligence delivers an optimal workflow—not wasting time on good fibers without leaving any faults behind.

This means no repeat truck rolls, improved customer experience, more robust networks and more profitability.

Watch this 2-min clip for more.

EXFO

FTTH home passing and troubleshooting solutions

Foolproof FTTH distribution fiber links while keeping up with deployments

Lightning-fast quality check of distribution fiber

Verify and troubleshoot fiber links

Optical Explorer (OX1)

- Easy to use, no need for optical expertise to start tests and understand results
- Time-saving device with ultrafast measurements (optical power, link length, loss, ORL, fault identification)
- No downtime, no hidden ownership costs, no repeat truck rolls

Eliminate the no.1 cause of network failures

Ensure connector health

FIP-435B

- Fully automated wireless fiber inspection scope delivering fast and consistent test results
- Auto-detect, auto-center, auto-focus and auto-capture
- Automated pass/fail analysis with LED indicator based on industry standards, auto-save and auto-report (PDF)

Optical cleaning kit

Recommended models
to speed up distribution fiber tests

OX1-PRO-I (1310/1550 nm)

OX1-PRO-MI (1310/1550 nm, including live testing at 1650 nm)

For illustrative purposes only.
Each product comes packed in its own bag.

ORDER NOW!