

EXFO OX1 Pro I Optical Fibre Multimeter

Product Images

Product Code: C00-0203



Short Description

The first optical fibre multimeter (OFM): Instant link verification with embedded fault tracking.

Verify optical links in seconds and automatically explore further when potential issues are suspected. Accelerate fibre rollouts, simplify activation procedures and improve robustness of repairs for better QoS and MTTR.

KEY FEATURES

Displays fibre link KPIs (length, loss, ORL and power) in under 3 seconds, through single-ended testing

On-the-spot detection and location of common causes of failures using EXFO's patent-pending Fault Explorer

Intelligent device: • No settings required • Contextual wavelength auto-selection • Built-in expertise to interpret link KPIs with patent-pending EXFO Advisor (5-star ranking system) • Diagnosis with suggested corrective actions

Built-in light source and power checker (dual-band available)

Standalone go/no-go tester for day-to-day installation/repairs or paired with EXFO's TestFlow mobile app for cloud storage and full documentation of your jobs

Save on cost of ownership: lifetime calibration, no factory returns thanks to our patent-pending Click-Out optical connector

Rechargeable battery for over 10 hours of use on a single charge

3-year warranty

APPLICATIONS

Verification and troubleshooting of any singlemode fibre link up to 40 km (point-to-point)

FTTx service activation: GPON, EPON, XGS-PON, 10GE EPON

FTTx last mile installation and repair, including in-service testing

Last mile/access network installation and repair

MDU installation

Fibre health check-up

Power level testing Insertion loss and ORL testing

Fibre break location

Fault identification and location (splices, connectors, macrobends)

NEW CATEGORY OF TESTER TO TAKE ON THE CHALLENGES AHEAD

Keeping up with the accelerating pace of fiber deployments calls for major transformation in the way testing is approached. Optical Explorer has been designed from the ground up to tackle the challenges ahead and simplify testing. Optical Explorer allows streamlined procedures that reduce delays and escalation costs on the field while freeing up expert technicians to focus on more relevant tasks.

Optical Explorer is the industry's first optical fibre multimeter (OFM), a new purpose-built category of tools empowering frontline techs to effectively carry out installation, activation and repair operations. Optical Explorer speeds up link health verification with embedded fault tracking—all in one single-ended test that's quick and easy.

To cope with the increasing volume of fibre being rolled out, Optical Explorer was designed to meet the needs of large crews of frontline technicians:

- Highly intuitive and easy to use for any technician regardless of experience in fibre optics or other technologies (such as copper or DSL).
- Designed to reduce total cost of ownership (TCO) throughout the product life cycle by cutting all hidden cost

FIBRE OPTIC TESTING ACCESSIBLE TO ALL

Optical Explorer goes beyond the basic testing capabilities of power meters and fault locators. It offers a brand new testing approach powered by multiple patents pending.

Optical Explorer determines overall link quality and tracks potential faults. This helps to boost work efficiency and quality for frontline techs. Unlike conventional instruments, Optical Explorer won't leave field technicians blind to faults.

Instead, Optical Explorer introduces new capabilities that break boundaries and redefine the role of field technicians. Each technician gets more autonomy to solve issues, thanks to a leaner troubleshooting process that doesn't require several technicians with various skills.

Optical Explorer allows a fundamental shift in work organisation - a new and better way to keep pace with the high volume of deployments and maintenance activities ahead.

INTELLIGENTLY EXPLORE FAULTS WHEN VERIFYING LINKS

While displaying insertion loss (IL), optical return loss (ORL) as well as fibre length in a few seconds and in one single-ended process requiring no referencing, Optical Explorer also looks for potential faults. It won't waste precious time on working links, but if a fault is suspected, Optical Explorer will automatically explore further and diagnose the fault, if applicable.

EXFO's patent-pending Fault Explorer technology requires no additional steps or expertise to identify and locate common causes of failure (fibre breaks, macrobends, bad splices or faulty connectors), allowing technicians to fix problems on the go.

Putting this new device in the hands of all technicians leads to faster installation and activation plus quicker mean time to repair (MTTR) - both with increased quality. Fully leverage the presence of fibre professionals in the field while eliminating the cost and delays associated with dispatching experts and truck rolls. Once a link is verified with Optical Explorer, a frontline technician can leave a site assured that all equipment related to optical links is ready for seamless acceptance, activation or service recovery.

Combined with power checking and light source capabilities in a rugged and compact form factor, Optical Explorer is an intuitive field companion that upskills any field technician.

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Please see specification sheet for further details