Choosing the right OTDR in just 3 steps

1. Network application
2. Form factor
3. Technology

EXFO

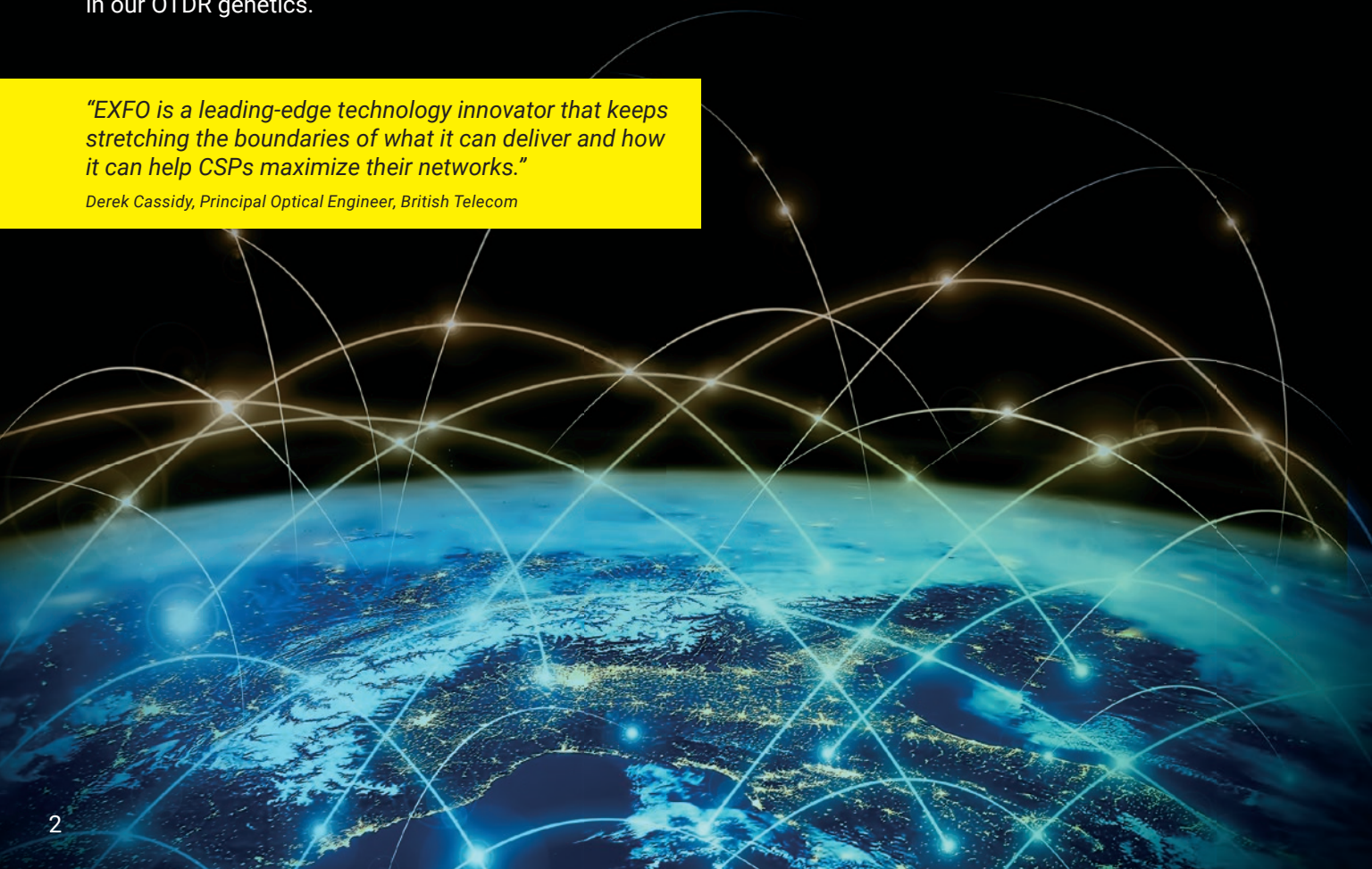
We are the leading OTDR manufacturer worldwide

Innovation at every step

EXFO OTDRs were engineered from the start to take the market by storm. And ever since, we have kept innovating, pushing the limits of OTDR technology further. The powerful evolutionary drive to remain on top is deeply ingrained in our OTDR genetics.

"EXFO is a leading-edge technology innovator that keeps stretching the boundaries of what it can deliver and how it can help CSPs maximize their networks."

Derek Cassidy, Principal Optical Engineer, British Telecom



Our keys to success

Expertise

Our dedicated teams of experts have been **driving innovation in optical testing for the past 30 years**. We are a proud enabler of fiber network performance for our customers.

EXFO quality

We are committed all the way to uncompromising quality and adhere to the most rigorous standards. That's the EXFO quality seal.

Unmatched optical specifications

EXFO's optical specifications are renowned throughout the industry for unparalleled accuracy.

Complete test methods and procedures

We partner with our customers to deliver customized test methods and procedures.

Service and support that exceed expectations

We take pride in delivering world-class* customer service, technical support, training services and expert advice.

We listen to what our customers need and what keeps them up at night. Then, we deliver the solutions that fix the issues.

That's how we stay ahead of the game.

** 90% Global Customer Satisfaction Index and a Best-in-Class Net Promoter Score according to Bain & Co. and Satmetrix scoring system in 2017.*

OTDR evolution

Inventing the portable OTDR was only the first step

Milestones

1992 **New option for testing fiber right in the field** (FCS-100 singlemode OTDR card)
We introduced a lighter, more compact OTDR than anything else on the market. The age of portability begins.

1994 **EXFO's first touchscreen OTDR** (custom-built FTB-200 OTDR)
Facilitating field jobs thanks to a bigger screen size, simplified navigation and increased trace visibility.

1996 **First OTDR on a modular platform: A world first.** (FTB-300 modular platform)
A unique platform able to support different network applications, ushering in the era of modularity.

2006 **First handheld OTDR invented** (AXS-100)
Bringing to market a more compact and lightweight instrument–the true handheld OTDR is born.

2009 **First passive optical networks (PON) optimized OTDR** (FTB-7300E)
Fine-tuning OTDR configuration and performance to enable true passive optical splitters characterization.

2011 **The still-unmatched iOLM**—intelligent Optical Link Mapper
Revolutionary application that transformed complex traditional OTDR test methods into a streamlined process delivering clear, automated, first-time-right results for technicians of any skill level. Still unmatched.

2013 **The first tablet-inspired OTDR** (MaxTester 700B Series)
The handheld OTDR reinvented—compact with optimal screen size and unparalleled user experience.

2014 **50%+ OTDR market shares worldwide***
Driving OTDR leadership into the new era of fiber networks.

2016 **Revamp of entire OTDR and iOLM product lines** (C-Series OTDR) - Providing the highest requirements for characterizing fiber optic cables and ensuring first-time-right deployments.

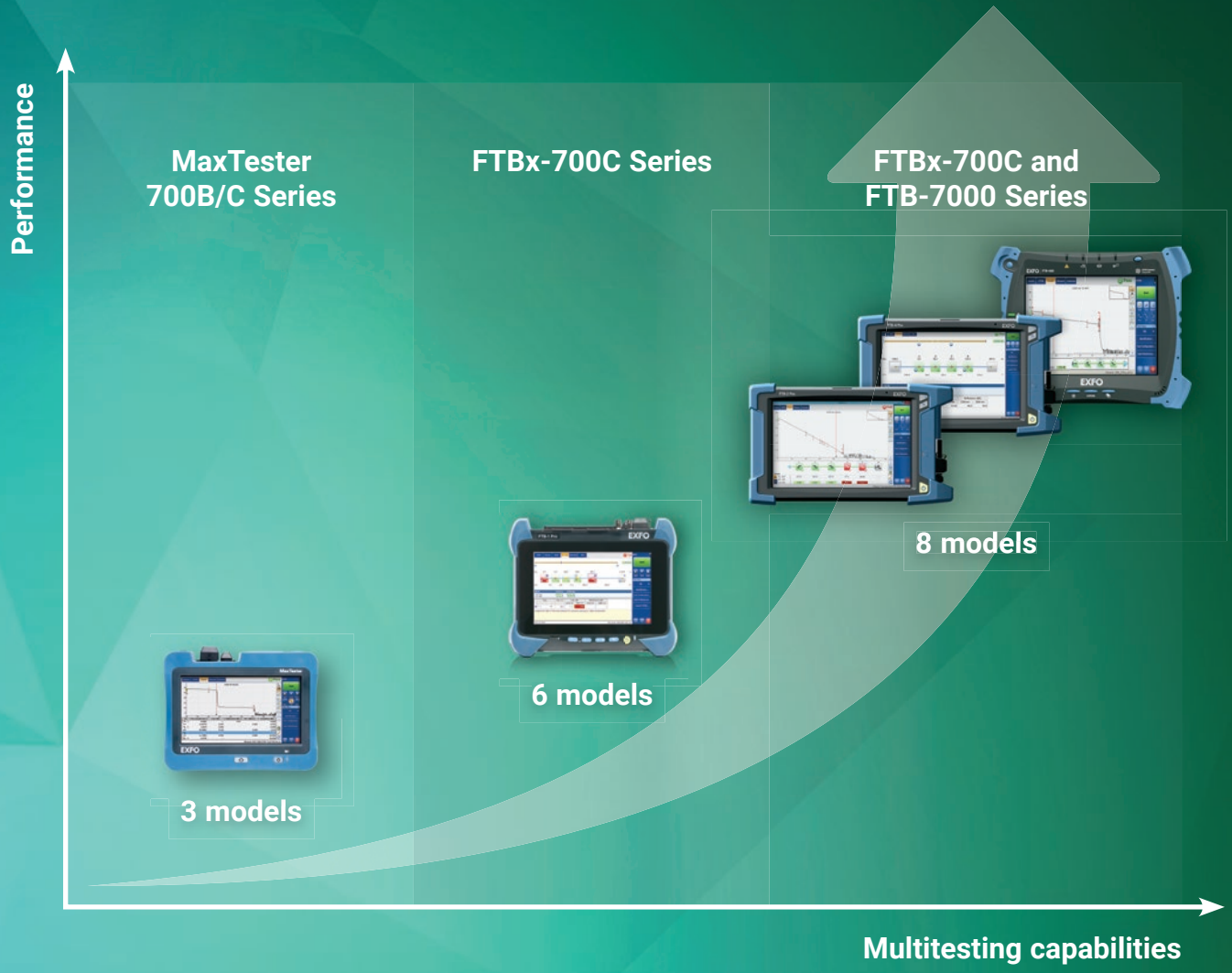
2017 **First to test DWDM and all 18 CWDM wavelengths in a single unit** (740C-xWDM OTDR Series) - Saving multi-service operators (MSOs) and contractors valuable time and CAPEX and powering the deployment of passive xWDM fiber links.

2018 to now **Compact, multitesting and flexible dual-carrier platform that combines EXFO's leading technology into one unit.**
Users can now swap out modules as needed for a complete and powerful solution for optical, Ethernet and multiservice applications.

**Frost & Sullivan 2014 FOTE Market Study*

OTDR portfolio

From installation to network evolution
Meet our three OTDR families



The handheld OTDR. . . reinvented

The MaxTester 700B/C Series

This powerful tablet-inspired OTDR has been designed for rugged field requirements. Equipped with the most effective screen in the industry and with EXFO's renowned optical performance under the hood, the MaxTester 700B/C Series provides accurate results and better user experience for fiber installers in in last-mile FTTx, CATV, access, short metro or FTTH/MDU-PON networks.

www.EXFO.com/MAXOTDR

Three models to handle your day-to-day fiber testing

We asked customers to describe the ideal handheld OTDR. Then, we made it.

COMPACT AND RUGGED | WIDESCREEN | TOUCHSCREEN | WINDOWS ENVIRONMENT | FULL-DAY BATTERY | STORAGE | LIGHTWEIGHT | BLUETOOTH/WiFi CONNECTIVITY* | iOLM-READY

The MaxTester 715B Last-Mile OTDR

Optimized for point-to-point (P2P) testing and troubleshooting of FTTx architectures. **Ideal for testing short fibers** (e.g., inside CO environments or at fiber-to-the-antenna [FTTA]/ distributed antenna system [DAS] network installations).

The MaxTester 720C Access OTDR

Optimized for **singlemode and multimode** field testing for data centers, private/enterprise networks, FTTA and fronthaul deployments. Also ideal for FTTH characterization to test through optical splitters up to 1x32.

The MaxTester 730C PON/METRO OTDR

Optimized to **test through optical splitters up to 1x128**, ensuring complete **end-to-end FTTH characterization**. 1625 or 1650 nm, out-of-band, live testing port for **efficient troubleshooting of active networks** without affecting other signals. High dynamic range for **metro P2P testing**.

** Optional.*

The FTBx-700C and FTB-7000 Series

Slotted in the FTB Ecosystem's higher-end platforms (FTB1-v2, FTB-2, FTB-2 Pro and FTB-4 Pro), the FTBx-700C and FTB-7000 OTDR Series[a] addresses unidirectional or bidirectional OTDR testing needs for advanced optical characterization in joint applications with additional modules (optical loss testing [OLT], chromatic dispersion [CD], polarization mode dispersion [PMD], spectral analysis and, transport and datacom [T&D] testing modules).

a. FTB-7000 is not available for FTB-1v2

Raw power and performance for advanced characterization

FTBx-720C LAN/WAN Access OTDR

Combining singlemode and multimode functionalities with a 36 dB dynamic range, and featuring the shortest dead zone to characterize closely spaced events, the FTBx-720C is recommended for everyday field testing in any access network as well as in LAN/WAN and data centers.

FTBx-730C PON FTTx/MDU OTDR

Optimized for PON characterization and troubleshooting, the FTBx-730C enables high resolution splitter measurement up to 1x128 and has a unique in-line 1490/1550 nm power meter to troubleshoot live FTTx networks. With a 39 dB dynamic range, it can test short metro links.

FTBx-735C Metro/PON FTTx/MDU OTDR

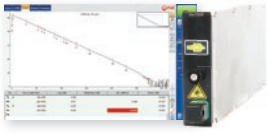
High-resolution OTDR powered with 42 dB of dynamic range for metro network testing up to 150 km and up to 1x128 splitter characterization in PON FTTx applications.

FTBx-740C CWDM/DWDM OTDR

C-band DWDM and 18-wavelength CWDM tunable OTDR series for metro Ethernet, remote PHY and passive C-RAN link characterization

FTBx-750C Metro/Longhaul OTDR

The FTBx-750C has a dynamic range of 46 dB and is ideal for testing long links and performing bidirectional measurements on transmission cables for highly accurate fiber characterization.



FTB-7600E Ultra-Longhaul OTDR

High-end fiber characterization and submarine cable testing. Characterize fiber with maximum accuracy over distances of more than 200 km.

Three easy steps for a perfect match

1. Choose your network application
2. Choose your form factor
3. Choose your technology

True OTDR performance goes far beyond simple product specifications. It's about **optimizing your network services**, based on application-specific parameters.

Compact, **dedicated handheld** test set for performing single-minded tasks under tight budget constraints

Modular handheld platform providing more flexibility for multiple daily tasks

Full-sized modular platform for advanced multi-application testing

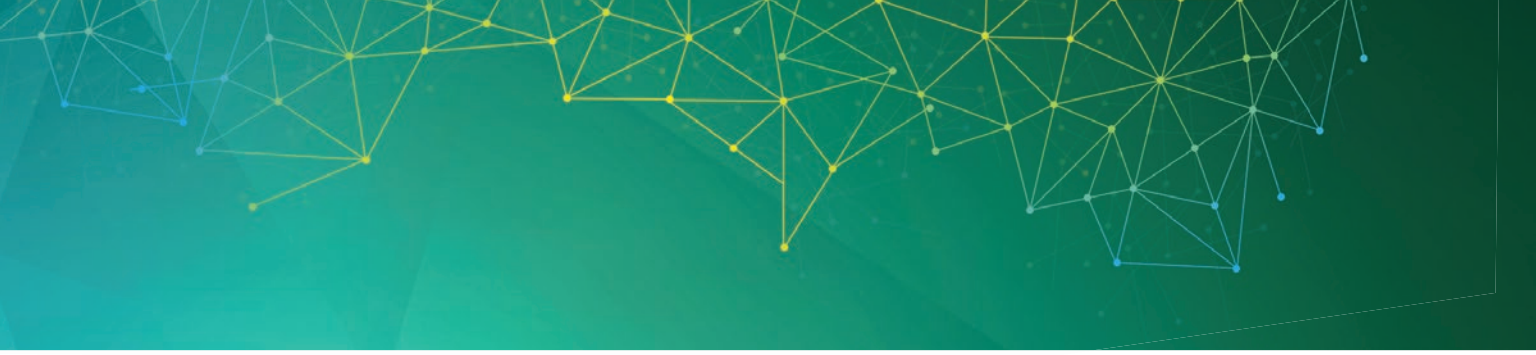
Go traditional, go cutting-edge, or combine the best of both worlds in a single unit:

Traditional OTDR technology with advanced modes, trace analysis and editing

Next-generation iOLM and Link-Aware™ technology, with its multipulse approach, visual link depiction and per-event diagnosis. Turns complex OTDR test procedures into simple steps.

1 Choose your network application

Applications	**Data centers** **Enterprise/private networks** **LAN/WAN**	**FTTx last-mile** **CATV/HFC** **P2P access**	**Cell backhaul** **DAS / small cells** **FTTA** **Remote radio head (RRH)**
Key test requirements	Short dead zones to locate closely spaced events Multimode and singlemode testing in a single unit Encircled Flux (EF) multimode launch conditions for maximum loss measurement accuracy Single-button certification with clear “go/no-go” status On-board pass/fail thresholds compliant with the latest international standards (including TIA-568, ISO11801)for data center certification	Dynamic range optimized for troubleshooting performance and characterization accuracy on short links Last-mile installation and continuity at splitter confirmation	Dynamic range optimized for troubleshooting performance and characterization accuracy on short links Short dead zones to locate closely spaced events Automated bidirectional testing feature to certify Rx/Tx cable in one go



Passive optical LAN (POL) FTTH/PON/MDU Short metro	C-RAN Remote PHY / Fiber deep Passive C/DWDM networks C/DWDM metro Ethernet links	Metro/core Metro Ethernet Longhaul	Submarine cables Ultra-longhaul
Dynamic range and resolution optimized at intermediate pulse widths for accurate 1x128 splitter detection and measurement In-service testing with filtered 1625 or 1650 nm wavelength Unique in-line power meter to check optical power at 1490/1550 nm before troubleshooting. Single port; no disconnection between the two measurements for a smooth workflow 39 dB dynamic range to characterize any point-to-point network from access to short metro links	Specific ITU-grid CWDM and DWDM channels for end-to-end testing through add/drop or MUX/DEMUX In-service testing of active network using the customer's wavelengths port without impacting other customers wavelengths Troubleshooting and characterization by a single operator from the head-end	Dynamic range above 40 dB to test metro/core or longhaul links High resolution at shortest pulse widths to account for many closely spaced splice points	Test reach of up to 250 km Highest dynamic range possible (up to 50.5 dB) for deploying and maintaining long fiber spans typically seen in ultra-longhaul and very high-speed networks

2 Choose your form factor

From day-to-day tasks. . .

Dedicated handheld unit

TestFlow

MaxTester 700B/C Series

Rugged, lightweight and cost-effective for intensive field use

- 100% dedicated to fiber optics: connector inspection, power measurement and OTDR
- 7-inch outdoor enhanced touchscreen
- Only 1.29 kg (2.8 lb)
- Full-day autonomy (12 hours battery life)
- Plug and play options (power meter, visual fault locator)
- 2 GB built-in memory
- Bluetooth® and WiFi (optional)
- EXFO Connect-compatible

Field-modular handheld platform

TestFlow

FTB-1v2/ FTB-1 Pro Platform

Small, yet powerful platform empowering frontline technicians

- Perfect for field testing optical, 10M-to-100G Ethernet and multiplay services
- 8-inch outdoor enhanced touchscreen
- 64 or 128 GB built-in memory
- Supports third-party applications (e.g., TeamViewer, Skype)
- Bluetooth and WiFi (optional)
- EXFO Connect-compatible
- Available in 1- or 2-slot configurations

. . . to advanced multiservice testing.

Full-sized modular compact platform

FTB-2/FTB-2 Pro Platform

The most powerful compact multitechnology platform for the supertech

- The most powerful compact solution on the market for 10M-to-100G multitechnology and multiservice testing
- 10.1-inch outdoor enhanced touchscreen
- 64 or 128 GB built-in memory
- USB 2.0 and USB 3.0
- Bluetooth and WiFi (optional)
- EXFO Connect-compatible

Full-sized modular platform

FTB-4 Pro Platform

Versatile multitechnology portable test platform

- The most versatile platform for fiber characterization, 10M-to-400G Ethernet configurations, ROADM commissioning, multiservice transport testing and up to 100G testing
- 10.1-inch outdoor enhanced touchscreen
- 128 GB built-in memory
- USB 2.0 and USB 3.0
- Bluetooth and WiFi (optional)
- EXFO Connect-compatible

Full-sized modular platform

FTB-500 Platform

Boundless capabilities.
Testing unlimited.
The next-gen network enabler.

- Fiber characterization, distributed PMD, 10M-to-100G, ROADM, C/DWDM and much more
- 12.1-inch outdoor enhanced touchscreen)
- 250 GB hard drive
- 3G, Bluetooth and WiFi (optional USB dongles)
- EXFO Connect-compatible

3 Choose your technology

There’s the traditional OTDR method . . .

Precise software analysis and a set of features that accelerate test routines.

Market-leading performance and unmatched user-friendliness

- Select your preferred mode: Auto or Advanced
- Change test parameters on the fly
- Efficiently analyze traces with multizoom tool
- Automatically generate reports
- Read single-pulse OTDR trace easily with a linear icon view

. . . and then there's the iOLM.

90-day free trial

OTDR testing comes with its share of challenges:

- Wrong OTDR traces
- countless traces to analyse
- repeating the same job twice
- complex instrument training/support

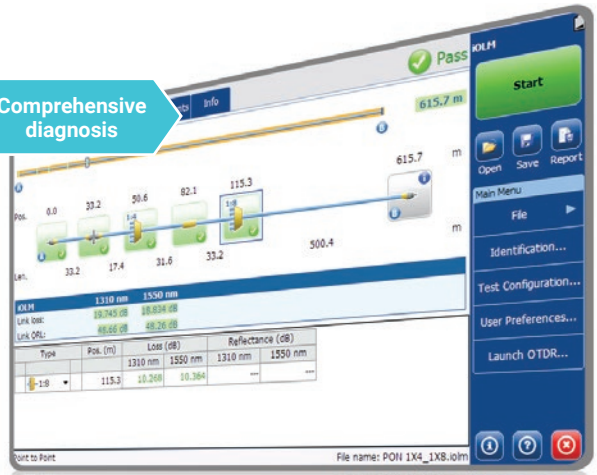
EXFO developped a better way to test fiber optics: iOLM | intelligent Optical Link Mapper

iOLM is an OTDR-based application designed to simplify OTDR testing by eliminating the need to configure parameters and/or analyze and interpret multiple complex OTDR traces. Its advanced algorithms dynamically define the testing parameters as well as the number of acquisitions that best fit the network under test. By correlating multipulse widths on multiple wavelengths, iOLM dynamically locates and identifies all network components and faults with maximal resolution—all at the push of a single button.

How it works:

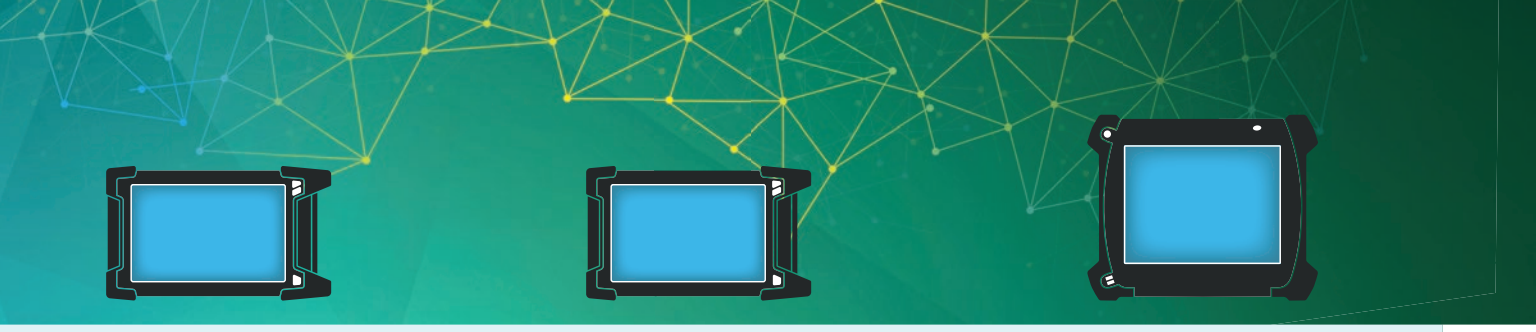
Dynamic multipulse acquisition → **Intelligent trace analysis** → **Combine all results in a single link view** → **Comprehensive diagnosis**

Turning traditional OTDR testing into clear, automated, first-time-right results for technicians of any skill level.



A perfect fit for your specific requirements

Applications	RUGGED & DEDICATED MaxTester 700B/C	FTB-1v2/FTB-1 Pro
Data centers Enterprise/private networks LAN/WAN	MaxTester 720C Quad + iCERT Compact & handy Tier-2 certifier	FTBx-720C Quad + iCERT Compact & powerful Tier-2 certifier *+ FTBx-945 Quad Certifier for complete Tier-1/Tier-2 certification*
FTTx last-mile CATV/HFC P2P access	MaxTester 715B Rugged & cost-effective frontline testing MaxTester 720C Rugged & powerful frontline testing	FTBx-720C Highly efficient workflow & versatile
Cell backhaul DAS / small cells FTTA Remote radio head (RRH)	MaxTester 720C + iLOOP Rugged & efficient testing	FTBx-720C + iLOOP Highly efficient workflow & testing *+ FTBx-88XX Power Blazer for complete optical & Ethernet up to 100G/CPRI/OBSAI turn-up kit*
Passive optical LAN (POL) FTTH/PON/MDU Short metro	MaxTester 730C Rugged & cost-effective	FTBx-730C Highly effficient workflow and versatile *+ FTBx-945 for OLTS/OTDR fiber characterization*
C-RAN Remote PHY / Fiber deep Passive C/DWDM networks C/DWDM metro Ethernet links		FTBx-740C All your xWDM channels in one compact box *+ FTBx-88XX Power Blazer for complete & compact C-RAN turn-up kit*
Metro/core Metro Ethernet Longhaul		FTBx-735C Highly effficient & versatile FTBx-750C Extra power for long-haul
Submarine cables Ultra-longhaul		



MODULAR & MULTI-TEST FOCUSED

FTB-2/FTB-2 Pro	FTB-4 Pro	FTB-500 (8 slots)
	FTBx-720C Quad + iCERT Powerful Tier-2 certifier *+ FTBx-945 Quad Certifier* *for complete Tier-1/Tier-2 certification* *+ FTBx-88XX for complete optical & Ethernet kit up to 400G*	
	FTBx-720C + iLOOP Highly efficient workflow & testing *+ FTB-5700 for CD/PMD in cell backhaul* *+ FTBx-5235 for spectral analysis in fronthaul & backhaul*	
	FTBx-740C All your xWDM channels in one compact box *+FTBx-5235 for spectral analysis* *+ FTB-5700 for CD/PMD analysis* *+ FTBx-88XX Power Blazer* *for complete turn-up solution up to 400G*	
	FTBx-735C Highly effficient & versatile FTBx-750C Extra power for long-haul *+ FTBx-5245/5255 for spectral analysis*	FTB-7400E Total fiber characterization *+ FTB-5500B + FTB-5800*
FTB-7600E Ultimate power for ultra-long distance	FTB-7600E Ultimate power for ultra-long distance *+ FTBx-5245/55 for spectral analysis*	FTB-7600E Ultimate power for ultra-long distance *+ FTB-5500B + FTB-5800* *for total fiber characterization*

Unmatched flexibility and efficiency in the field

FTB-1
Flexible, dual-carrier platform

Adapted for dedicated applications. Dedicated to helping you adapt.

Thanks to its small format, ultra-powerful processing and highly intuitive interface, the FTB-1v2 is optimized to allow field technicians to carry out dedicated optical, Ethernet and multiservice test applications simply and efficiently.

Dual-carrier—Create the combination best suited to your daily needs

Enjoy unparalleled flexibility with this lightweight, compact OTDR that lets you add a new module to your current unit or create your own combo:

OTDR + OLTS
OTDR + 10G module (Ethernet/CPRI)
OTDR + 100G module
Combo OTDR CWDM + DWDM

FTBx-940/945 Fiber Certifier OLTS

iOLM READY

The FTBx-940/945 Fiber Certifier OLTS has been specifically designed to certify fiber cabling in data centers and enterprise networks.The unit's intuitive Windows-like user interface ensures a minimal learning curve. The FTBx-940/945 Fiber Certifier offers icon-based functions, onboard assistance and onboard professional reporting.

FTBx-8870/8880 10G Dual/Quad Port

iOLM READY

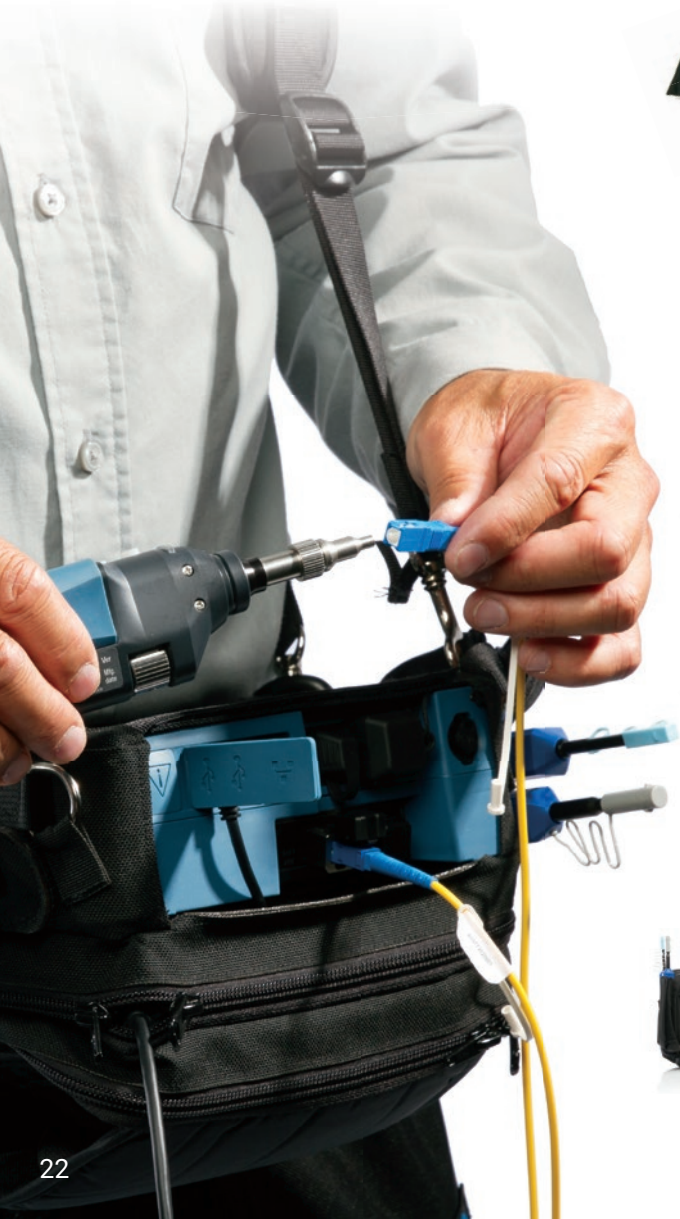
Easily turn up, validate and troubleshoot OTN, SONET/SDH, DSn/PDH, ISDN/PRI, CPRI, eCPRI, Fibre Channel and Ethernet services up to 10 Gbit/s in converged optical networks.

FTBx-88200NGE/FTBx-88260 100G Multiservice Testing

iOLM READY

The most comprehensive all-in-one tester, including testing for legacy networks at 64K all the way up to next-generation networks at speeds of 100G.

Accessories to fully equip your supertech



Launch cables

Cover dead zones and enable loss measurement on first and last fiber connectors. Available as modular (FTB-LTC), portable (SPSB) and stand-alone (PSB) in lengths of 150, 300, 500, 1000 and 2200 m.

Encircled Flux

EF COMPLIANT

Remove uncertainty when testing high-speed multimode networks. An external EF-compliant device like the SPSB-EF-C30 ensures a fast and easy way to fix faulty networks (as per TIA -526-14-B and IEC 61280-4-1 Ed. 2.0).

Power meters

Offered as stand-alone units or slotted in the test platform, power meters assess fiber link power levels and establish basic loss measurements. Up to 40 calibrated wavelengths and high-power options are available.

Visual fault locator (VFL)

Offered as a stand-alone unit or integrated into the platform, a VFL easily identifies breaks, bends, faulty connectors and splices, or other causes of signal loss. Basic yet essential, it should be part of every field technician's toolbox.

Flexible connectivity

Connect your platform anytime, anywhere. Push data to the cloud, to a device or acquire a platform's location via GPS.

Carry-on utility bag

All your tools within hand's reach and an extra layer of protection for your OTDR to face outside plant conditions. Available for the MaxTester 700B/C series and FTB-1 platform.

Additional features to boost your productivity

Real-time averaging

Activates OTDR laser in continuous shooting mode; the trace refreshes in real time and allows for monitoring of the fiber for sudden changes. Perfect for a quick overview of the fiber under test.

OTDR automode

Used as a discovery mode, this feature automatically adjusts the distance range and pulse width in function with the link under test. Recommendation: adjust the parameters to perform additional measurements in order to locate other events.

Set parameters on the fly

Dynamically change OTDR settings for the ongoing acquisition without stopping or returning to submenus.

Macrobend finder

Built-in feature enables the unit to automatically locate and identify macrobends—no need to spend additional time analyzing traces.

Bidirectional analysis

Combines results from both directions to provide an average loss for each event. Use it with the iOLM for maximum resolution in both directions (multiple pulse widths at multiple wavelengths), as well as a consolidated view. The process is fully automated using the iLoop function in iOLM or FastReporter data post-processing software.

Linear view (default on all EXFO OTDRs)

A straightforward display of all events, related loss and ORL values of a single OTDR acquisition.

Map view (featured on iOLM)

Detailed digital representation fiber links, derived from the combination of multiple OTDR pulse widths and multiple wavelengths for complete link characterization. Each element is clearly labeled with a real component icon, including split ratio for optical splitters. Map view provides comprehensive diagnosis and corrective actions for each failure in the link.

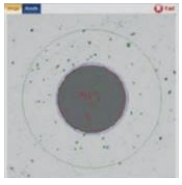
Loopback testing mode (iLOOP)

This iOLM-based application relies on the loopback single-ended measurement method to characterize two fibers at once. The application splits the results into two individual links, thus eliminating the need for post-processing. It simultaneously tests Rx/Tx fibers with a simple loop jumper between the two fibers, provides pass/fail assessments and generates individual iOLM and OTDR (.sor) reports for each single fiber.

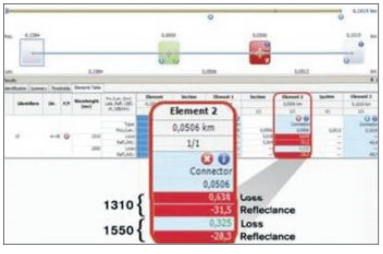
Packing your essential OTDR toolkit

FIP-435B

#1 cause of network failures is contaminated connectors.



Contaminants in a connection will impact reflectance and loss.



ConnectorMax Inspection Probes—The first fully automated wireless fiber inspection probe

Are your OTDR test results flawless?

Connector inspection is all too often overlooked because it is considered a time-consuming hassle. With the ConnectorMax, it doesn't have to be that way anymore. This wireless **auto-focus** probe–compatible with single- and multifiber connectors–**revolutionized** fiber inspection by turning it into a quick and simple **one-step process** for **technicians of any skill level**, driving false positive results to extinction.

Optimal inspection results. In minimum **57%** less time.*

See it in action:
www.EXFO.com/KeepTheFocus

** Data sourced from EXFO's case study, with calculations based on typical analysis time.*

TestFlow

90-day
FREE TRIAL
EXFO.com/TestFlow

Get ready for the next job faster

Powerful end-to-end field test management solution to help you close jobs more efficiently.

- Batch-processing of hundreds of files for documentation; ready-to-go
- Combine multiple optical measurement types into a single report (OTDR, CD, PMD, iOLM, inspection, etc.)
- Bidirectional measurements and reports for true splice characterization
- Live field reporting (available with FTB-1v2, FTB-1 Pro, FTB-2, FTB-2 Pro and FTB-4 Pro platforms)
- iOLM loopback reporting—save 50% test time
- Report generated in various formats: PDF, Excel and HTML
- EXFO Connect integration—manage your data through the cloud

OTDR summary chart[1]

Platforms		OTDR MODEL	MODEL NAME	APPLICATIONS												Wavel	
				Last Mile	Access (P2P)	FTTH/PON	Fronthaul/Backhaul	LAN/WAN, Enterprise, Data Centers	Metro (P2P)	CWDM/DWDM Metro Ethernet	Passive Point-to-multipoint xWDM systems	Longhaul	Ultra-Longhaul	CATV/HFC	Passive Optical LAN (POL)	Live Fiber Troubleshooting	Standard multimode testing wavelength	
																	850	1300
	MaxTesters	MaxTester 715B	Last-Mile OTDR	•	•		•							•		•		
		MaxTester 720C	LAN/WAN Access OTDR	•	•	•	•	•						•	•	•	27	29
		MaxTester 730C	PON/METRO OTDR	•	•	•	•		•					•	•	•		
FTB-2/FTB-4	FTB-1 [5]	FTBx-720C	LAN/WAN Access OTDR	•	•	•	•	•						•	•	•	27	29
		FTBx-730C	PON FTTx/MDU OTDR	•	•	•	•		•					•	•	•		
		FTBx-735C	Metro/PON FTTx/MDU OTDR	•	•	•	•		•					•	•	•		
		FTBx-740C	C/DWDM Tunable OTDR	•	•	•	•		•	•	•			•	•	•		
		FTBx-750C	Metro/Longhaul OTDR	•	•		•		•			•		•				
	FTB-500	FTB-7400E	Metro OTDR	•	•		•		•									
		FTB-7600E	Ultra-Longhaul OTDR	•	•		•		•			•	•					

[1] *Get the most up-to-date information about OTDR specifications on www.EXFO.com. In case of any discrepancies between this chart and our online specifications sheets, use the latter as reference.*

[2] *Distances are estimates only; this estimates consider a 5 dB buffer and averaged attenuation of 0.25 dB/km. Many other variables can affect distances such as fiber type, wavelength, splices, connections, fiber anomalies, etc.*

[3] *45 dB on tri-wavelength configuration*

[4] *Except for the 1383 nm wavelength*

[5] *FTB-1 single carrier or dual carrier versions*

OPTICAL SPECIFICATIONS											OPTIONAL PERIPHERALS					OTDR FEATURES			
length (nm) / Dynamic range at 20 µs (dB)											Platforms					Modules			
Standard Singlemode testing wavelength					Water peak testing	CWDM channels	DWDM channels	Event Dead Zone (m)	Attenuation Dead Zone (m)	Typical point-to-point distance at 1550 nm (km/miles) [2]	EXFO Connect-Compatible	Optical Power Meter	Visual Fault Locator	WiFi and Bluetooth	Inspection Probe	Singlemode (SM)	Multimode (MM) and Encircled Flux (EF) compliant	iOLM-Ready	In-Line Power Meter
1310	1490	1550	1625	1650	1383	Up to 18 channels	C-band 1528/1568 nm (ITU 12-62), 100/50 GHz												
30		28	28					1	4	92/57	•	•	•	•	•	•		•	
36		35	35					0.5 (MM)/0.7 (SM)	2.5 (MM)/3 (SM)	120/75	•	•	•	•	•	•	•	•	
39		38	39	39				0.5	2.5	132/82	•	•	•	•	•	•		•	•
36		35	35					0.5 (MM)/0.7 (SM)	2.5 (MM)/3 (SM)	120/75	•	•	•	•	•	•	•	•	
39		38	39	39				0.5	2.5	132/82	•	•	•	•	•	•		•	•
42	41	41	41					0.5	2.5	144/89	•	•	•	•	•	•		•	•
> 37	> 37	> 37				> 37	> 40	1.1 (CWDM) 0.7 (DWDM)	5 (CWDM) 3.5 (DWDM)	128/80 (CWDM) 140/87 (DWDM)	•	•	•	•	•	•		•	
46 [3]		46 [3]	45					0.5	2.5	164/102	•	•	•	•	•	•		•	
42		41	41		40			0.8	4	144/89	•	•	•	•	•	•		• [4]	
50.5		50.5	48					1	5	180/112	•	•	•	•	•	•			

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