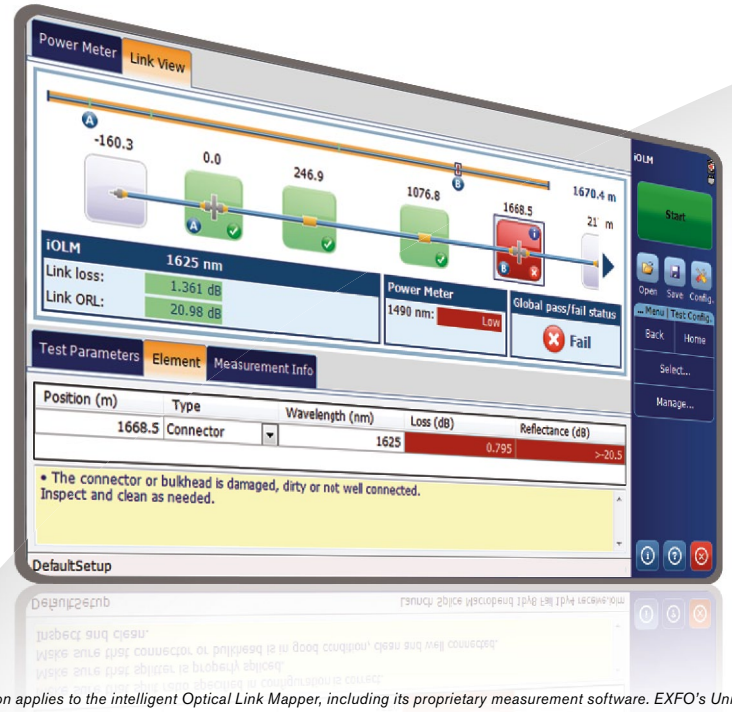
Intelligent Optical Link Mapper (iOLM)

AUTOMATED, EXPERT-LEVEL SINGLEMODE AND MULTIMODE FIBER TESTING



Available on:

- MAX-700B OTDR Series
- FTB-700 OTDR Series
- FTB-7000E OTDR Series

Powered by LINK AWARE™ TECHNOLOGY

4 BTR BROADBAND TECHNOLOGY REPORT 2012 Diamond TECHNOLOGY REVIEWS

Patent protection applies to the intelligent Optical Link Mapper, including its proprietary measurement software. EXFO's Universal Interface is protected by US patent 6,612,750.

Using automated multipulse acquisitions and advanced algorithms, the iOLM is an OTDR-based application that delivers detailed information on every element on the link, in a single-button operation—providing maximum intelligence and simplicity for expert-level link characterization.

SPEC SHEET

KEY FEATURES

- Self-setting unit
- Link-Aware™ technology
- Optical Link View
- Prompt diagnosis
- Consolidated bidirectional link view (patent-pending)
- OTDR trace file generation (.sor)

KEY NETWORK APPLICATIONS

- Point-to-point access
- FTTx Last-Mile
- LAN/WAN, enterprise and data centers
- FTTx/PON MDU
- Fronthaul (FTTA, DAS and small cells) and backhaul
- Metro core and long-haul
- CWDM
- Cable testing (IL/ORL measurement)

PLATFORM COMPATIBILITY

Handheld OTDR
MaxTester 700B Series

Frontline Platform
FTB-1

Compact Platform
FTB-200

Platform
FTB-500
(Compatibility available soon)

EXFO

GO BEYOND OTDR TESTING.

Innovation is front and center at EXFO, and the Intelligent Optical Link Mapper (iOLM) is a prime example of a game-changing solution. The iOLM lets you take advantage of the full power of your OTDR, bringing automation to a new level—and enabling even the untrained technician to become a test expert in no time.

The iOLM integrates all our expertise into a simple, easy-to-use software that will take your OTDR testing capabilities further than they've ever been. And since EXFO designs and optimizes each OTDR model so that it offers the best possible performance for its specific application, your solution will fit to your reality.

iOLM—WHAT IS IT AND HOW DOES IT WORK?

REMOVING THE COMPLEXITY FROM THE OTDR

iOLM | intelligent Optical Link Mapper

Launch multiple OTDR acquisitions

↓

Analyze the traces

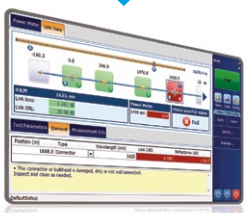
↓

Compound the results

↓

Display a schematic link view and prompt diagnosis

↓



US patent 6,612,750

Using a unique and patented automated multipulse and multi-wavelength acquisition approach, the field-proven iOLM surpasses the traditional OTDR and linear view for expert-level link characterization of any fiber network.

This dynamic OTDR-based application uses EXFO's most advanced algorithms to deliver detailed information and maximum resolution on every element of the link. Thanks to its unmatched intelligence and simplicity, the iOLM converts complex OTDR tests into clear and accurate go/no-go results, through a single button operation.

Powered by Link-Aware™ TECHNOLOGY

- Hardware optimized and intelligent software for maximum performance
- Multiple acquisitions, multiple wavelengths with one button—all automated
- Expert-level characterization results in a single, comprehensive report
- The fastest and hassle-free way to perform full fiber characterization
- No training required: self-setting device with clear go/no-go results
- Minimized truck rolls, thanks to the smartest analysis, powered by Link-Aware™ technology
- No more trace misinterpretation: prompt diagnosis and clear optical link view

Three ways to benefit from the iOLM:

OTDR combo (Oi code)	Upgrade	iOLM only
Run iOLM and OTDR applications on one unit	Add iOLM software option, even while in the field	Order a unit with the iOLM application only

THREE EASY STEPS TO A PERFECT FIT

STEP 1: Choose your network application

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

STEP 2: Choose your form factor

› MaxTester 700B Series: Compact, dedicated, tablet-inspired, handheld OTDRs designed to perform singlemode tasks under tight budget constraints

› FTB-1: Compact, modular handheld platform for multitest applications and advanced frontline troubleshooting

› FTB-200: Modular handheld platform providing more flexibility for repetitive daily tasks

› FTB-500: Full-sized modular platform for advanced multi-application testing

PUT IT TOGETHER. FIND THE SOLUTION.

STEP 1: APPLICATIONS	STEP 2: FORM FACTOR MAX-700B	FTB-1	FTB-200	FTB-500*
	CORRESPONDING SOLUTION			
LAST-MILE SHORT P2P LINKS	MAX-715B Last-Mile OTDR + iOLM software			
LAN/WAN DATA CENTERS PRIVATE/ENTERPRISE		FTB-720 LAN/WAN Access test module + iOLM software		
POINT-TO-POINT ACCESS CELLULAR BACKHAUL (FTTT/FTTA)	MAX-720B Access OTDR + iOLM software	FTB-720 LAN/WAN Access test module + iOLM software		
FTTx PASSIVE OPTICAL NETWORKS (PONs) MULTIDWELLING UNITS SHORT METRO	MAX-730B Metro/ FTTx OTDR + iOLM software	FTB-730 FTTx/PON MDU test module + iOLM software	FTB-7300E FTTx/PON MDU test module + iOLM software	FTB-7300E* FTTx/PON MDU test module + iOLM software
LONG-HAUL METRO/CORE CWDM CATV			FTB-7400E Metro/CWDM test module + iOLM software	FTB-7400E* Metro/CWDM test module + iOLM software

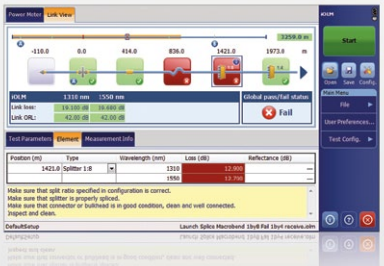
* Note: iOLM compatibility for these modules on the FTB-500 platform will be available soon.

STEP 3: Choose your technology

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

› **Time-proven OTDR technology** with advanced modes, trace analysis and editing

and/or



› **Groundbreaking iOLM and Link-Aware™ technology**, with its multipulse approach, visual link depiction and per-event diagnosis

UNIQUE FEATURES

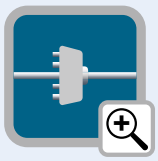
REVOLUTIONIZING SINGLE-ENDED FIBER DEPLOYMENTS

LINK-AWARE™ TECHNOLOGY

Let it optimize the test run | With one click, the unit automatically performs link recognition, sets the optimal parameters and launches multiple acquisitions and multiple analyses–at multiple wavelengths–consolidating the results obtained for every link section and every network element. Get accurate information right away on each link element and export it to a single report.

SELF-SETTING UNIT

Let it be the expert | Powered by Link-Aware technology, the iOLM self-manages the setting of all test parameters–ready-to-use intelligence that dramatically shortens the learning curve. Minimize training, avoid test misconfiguration, and facilitate your technicians' transition from copper to fiber.



OPTICAL LINK VIEW

Let it crunch the data | Leaving behind complex OTDR traces, the simplified link mapper provides a straightforward view of the fiber under test, with clear icons and pass/fail verdicts. Get actual results: end-to-end visual assessment of your link, complete with event characterization and fiber status.

PROMPT DIAGNOSIS

Let it show you the way | Loaded with countless algorithms and a database of potential network failures, the iOLM guides you through your network's problem-solving process. Say goodbye to trace misinterpretation, and ensure that all your technicians–not just your most experienced ones–can efficiently fix network issues right on the spot.

OTDR TRACE FILE GENERATION

Let it fit your existing test filing requirements | The iOLM can generate a universal and enhanced Bellcore format (.sor) OTDR trace to comply with your existing reporting and post-processing requirements. This OTDR trace integrates all the additional information gathered by the iOLM, providing more complete results.

CONSOLIDATED BIDIRECTIONAL LINK VIEW (PATENT-PENDING)

Let it combine the results | To ensure true splice characterization bidirectional testing is recommended. The iOLM bidirectional link view just makes this task easier as it combines the results from multiple wavelengths in multiple directions and presents it in a single, easy-to-read, iOLM-style format. Plus, you can easily generate batch reports through FastReporter2 Data Post-Processing Software.

AUTOMATE ASSET MANAGEMENT. PUSH TEST DATA IN THE CLOUD. GET CONNECTED.

EXFO Connect

EXFO Connect pushes and stores test equipment and test data content automatically in the cloud, allowing you to streamline test operations from build-out to maintenance.

ADDITIONAL FEATURES

Real-Time OTDR Mode

The iOLM supports real-time OTDR mode (RT option) functionality via the iOLM software application. Either run the OTDR application (Oi option) or the RT mode (RT option) to measure field-splicing or to check the link before launching an iOLM acquisition.

2xN Splitter Characterization

The iOLM is the only solution on the market to characterize 2xN splitter with a clear pass/fail verdict for multi-input or redundancy networks. It identifies 2xN splitters as well as both their input branches allowing users to accurately document the network with one test (compared to three tests when using traditional methods).

iOLM Expert Mode (iEX)

iEX is a software option specifically designed for the fiber test expert or the manager who requires more flexibility in documenting the trace files for reporting purposes. Because flexibility also means that you can create your own elements to better match your network plans, this option allows you to add extra events, delete events or re-analyze the trace.

RECOMMENDATIONS

Angled-polished Connectors (APC) on a Singlemode Port

Like any OTDR, the iOLM will be affected by strong reflections at the unit's port. To ensure low reflections and maintain measurement accuracy, the iOLM singlemode port must be used with APC connectors. Another advantage of using APC connectors is their ability to handle harsher conditions without becoming highly reflective while maintaining the unit's performance.

In the case of UPC connectors, they are prone to be highly reflective if contaminated, worn or damaged. This will affect the singlemode measurement and will lead to premature connector replacement. Although testing a UPC network does not require a UPC unit, using an APC/UPC test jumper or a launch fiber (SPSB) ensures compatibility.

Test Method

EXFO recommends using a 150-meter launch cable (SPSB) to exclude the loss of the iOLM's connector or to allow UPC network testing. It will also extend the instrument's connector life by reducing the number of matings–ultimately improving the cost of ownership.

TROUBLESHOOTING OF HIGH-SPEED MULTIMODE NETWORKS WITH ENCIRCLED FLUX (PRELIMINARY)

EF READY

SPSB-EF-C30

Whether it's for an expanding enterprise-class business or a large-volume data center, new high-speed data networks built with multimode fibers are running under tighter tolerances than ever before. In case of failure, intelligent and accurate test tools are needed to quickly find and fix the fault.

Multimode fibers are the trickiest links to test because the test results are highly dependent on each device's output conditions. Troubleshooting with a different unit than the construction unit may mislead the technician or result in the inability to find the fault, creating longer network downtimes.

For multimode fibers, EXFO recommends using an external launch mode conditioner that is encircled flux (EF) compliant. The encircled flux standard (as recommended in TIA-568 via TIA-526-14-B and IEC 61280-4-1 Ed. 2.0) is a way of controlling the source launch conditions so that Tier-2 troubleshooting can be performed with maximum accuracy and consistency.

The use of an external EF-compliant device* such as the SPSB-EF-C30 will ensure a fast and easy way to fix faulty networks.

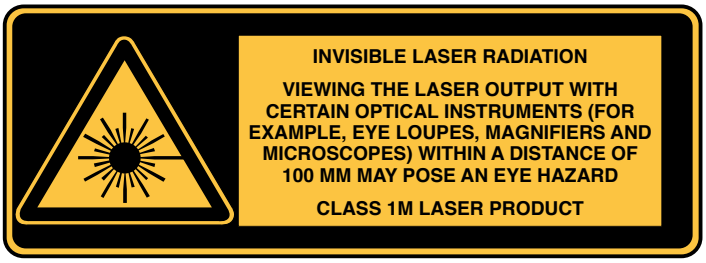
*For more detailed information about encircled flux compliance, please read the encircled flux test solution specification sheet.

EXFO

GENERAL SPECIFICATIONS

Model		MAX-715B/720B/730B	FTB-720 and FTB-730	FTB-7300E and FTB-7400E
Size (H x W x D)		200 mm x 155 mm x 68 mm (7 7/8 in x 6 1/8 in x 2 3/4 in)	130 mm x 36 mm x 252 mm (5 1/8 in x 1 7/16 in x 9 15/16 in)	97 mm x 25 mm x 260 mm (3 13/16 in x 1 in x 10 1/4 in)
Weight		1.29 kg (2.8 lb)	0.65 kg (1.4 lb) With FTB-1: 2.2 kg (4.8 lb)	0.55 kg (1.2 lb) With FTB-1: 2.2 kg (4.8 lb)
Temperature	Operating Storage	–10 °C to 50 °C (14 °F to 122 °F) –40 °C to 70 °C (–40 °F to 158 °F)	0 °C to 50 °C (32 °F to 122 °F) –40 °C to 70 °C (–40 °F to 158 °F)	0 °C to 50 °C (32 °F to 122 °F) –40 °C to 70 °C (–40 °F to 158 °F)
Relative humidity		0 % to 95 % noncondensing	0 % to 95 % non-condensing	0 % to 95 % non-condensing

LASER SAFETY



ORDERING INFORMATION

MAX-715B-XX-XX-XX-XX-XX-XX-XX-XX

Model
M1 = Last-mile OTDR, 1310/1550 nm (9/125 µm)
M2 = Last-mile OTDR, 1310/1550 nm and1625 nm live port (9/125 µm)
M3 = Last-mile OTDR, 1310/1550/1625 nm (9/125 µm)

Connectivity
RF = With RF capability (Wi-Fi and Bluetooth)

Connector
EA-EUI-28 = APC/DIN 47256
EA-EUI-89 = APC/FC narrow key
EA-EUI-91 = APC/SC
EA-EUI-95 = APC/E-2000
EA-EUI-98 = APC/LC
EI-connectors = See note below

OTDR software options
OTDR = Enables OTDR application only
iOLM = Enables the iOLM application only
Oi = Enables OTDR and iOLM applications

Software options
00 = Without any software option
SRC = Source through OTDR port

Connector adapter[a]
FOA-12 = Biconic
FOA-14 = NEC D4: PC, SPC, UPC
FOA-16 = SMA/905, SMA-906
FOA-22 = FC/PC, FC/SPC, FC/UPC, FC/APC
FOA-28 = DIN 47256, DIN 47256/APC
FOA-32 = ST: ST/PC, ST/SPC, ST/UPC
FOA-54 = SC: SC/PC, SC/SPC, SC/UPC, SC/APC
FOA-78 = Radiall EC
FOA-96B = E-2000/APC
FOA-98 = LC
FOA-99 = MU

Power meter
00 = Without power meter
PM2X = Power meter; GeX detector
VPM2X = VFL and power meter; GeX detector

Example: MAX-715B-M1-EA-EUI-91-Oi-VPM2X-FOA-22-SRC

Note

a. If power meter is selected.

ORDERING INFORMATION

MAX-720B-XX-XX-XX-XX-XX-XX-XX

Model
M1 = Access OTDR, 1310/1550 nm (9/125 µm)

Connectivity
RF = With RF capability (Wi-Fi and Bluetooth)

Connector
EA-EUI-28 = APC/DIN 47256
EA-EUI-89 = APC/FC narrow key
EA-EUI-91 = APC/SC
EA-EUI-95 = APC/E-2000
EA-EUI-98 = APC/LC
EI-connectors = See note below

OTDR software options
OTDR = Enables OTDR application only
iOLM = Enables the iOLM application only
Oi = Enables OTDR and iOLM applications

Software options
00 = Without any software option
SRC = Source through OTDR port

Connector adapter [a]
FOA-12 = Biconic
FOA-14 = NEC D4: PC, SPC, UPC
FOA-16 = SMA/905, SMA-906
FOA-22 = FC/PC, FC/SPC, FC/UPC, FC/APC
FOA-28 = DIN 47256, DIN 47256/APC
FOA-32 = ST: ST/PC, ST/SPC, ST/UPC
FOA-54 = SC: SC/PC, SC/SPC, SC/UPC, SC/APC
FOA-78 = Radiall EC
FOA-96B = E-2000/APC
FOA-98 = LC
FOA-99 = MU

Power meter
00 = Without power meter
PM2X = Power meter; GeX detector
VPM2X = VFL and power meter; GeX detector

Example: MAX-720B-M1-EA-EUI-91-Oi-VPM2X-FOA-22-SRC

Note

a. If power meter is selected.

ORDERING INFORMATION

MAX-730B-XX-XX-XX-XX-XX-XX-XX

Model
M1 = FTTx/MDU PON, 1310/1550 nm (9/125 µm)
M2 = FTTx/MDU PON, 1310/1550 nm and 1625 nm live port (9/125 µm)
M2 = FTTx/MDU PON, 1310/1550/1625 nm (9/125 µm)

Connectivity
RF = With RF capability (Wi-Fi and Bluetooth)

Connector
EA-EUI-28 = APC/DIN 47256
EA-EUI-89 = APC/FC narrow key
EA-EUI-91 = APC/SC
EA-EUI-95 = APC/E-2000
EA-EUI-98 = APC/LC
EI-connectors = See note below

OTDR software options
OTDR = Enables OTDR application only
iOLM = Enables the iOLM application only
Oi = Enables OTDR and iOLM applications

Software options
00 = Without any software option
SRC = Source through OTDR port

Connector adapter [a]
FOA-12 = Biconic
FOA-14 = NEC D4: PC, SPC, UPC
FOA-16 = SMA/905, SMA-906
FOA-22 = FC/PC, FC/SPC, FC/UPC, FC/APC
FOA-28 = DIN 47256, DIN 47256/APC
FOA-32 = ST: ST/PC, ST/SPC, ST/UPC
FOA-54 = SC: SC/PC, SC/SPC, SC/UPC, SC/APC
FOA-78 = Radiall EC
FOA-96B = E-2000/APC
FOA-98 = LC
FOA-99 = MU

Power meter
00 = Without power meter
PM2X = Power meter; GeX detector
VPM2X = VFL and power meter; GeX detector

Example: MAX-730B-M1-EA-EUI-91-Oi-VPM2X-FOA-22-SRC

Note

a. If power meter is selected.

ORDERING INFORMATION

Multimode and Singlemode Access and LAN/WAN OTDR

FTB-720-XX-XX-XX-XX-XX-XX

Model
FTB-720-000-04B = OTDR with filtered 1625 nm port
FTB-720-023B-04B = OTDR 1310/1550 nm with filtered 1625 nm port
FTB-720-23B = OTDR 1310/1550 nm
FTB-720-12CD = OTDR 850/1300 nm
FTB-720-12CD-23B = OTDR 850/1300 nm, 1310/1550 nm

Base Software
OTDR = Enables the OTDR application only
iOLM = Enables the iOLM application only
Oi = Enables iOLM and OTDR applications

Singlemode Connector
EA-EUI-28 = APC/DIN 47256
EA-EUI-89 = APC/FC narrow key
EA-EUI-91 = APC/SC
EA-EUI-95 = APC/E-2000
EA-EUI-98 = APC/LC
EI connectors = See note on next page

Multimode Connector
EI-EUI-28 = UPC/DIN 47256
EI-EUI-76 = UPC/HMS-10/AG
EI-EUI-89 = UPC/FC narrow key
EI-EUI-90 = UPC/ST
EI-EUI-91 = UPC/SC
EI-EUI-95 = UPC/E-2000
EI-EUI-98 = UPC/LC

iOLM Software Option
00 = Without iOLM option
iEX = iOLM Expert mode
RT = Real-time OTDR mode (via iOLM application) [a]

OTDR Software Option [b]
00 = Without software option
AD = Auto diagnostic (macrobend detection, pass/fail and fault finder)
EC = Event characterization (bidirectional analysis and Template mode)

Example: FTB-720-023B-04B-OTDR-EI-EUI-89-EA-EUI-89

Singlemode (PON FTTx/MDU) OTDR for FTB-1 Platform

FTB-730-XX-XX-XX-XX-XX-XX-XX

Model
Dual-Wavelength
FTB-730-23B = SM OTDR module, 1310/1550 nm (9/125 µm)
FTB-730-34B = SM OTDR module, 1550/1625 nm (9/125 µm)

Triple-Wavelength
FTB-730-236B = SM OTDR module, 1310/1490/1550 nm (9/125 µm)
FTB-730-234B = SM OTDR module, 1310/1550/1625 nm (9/125 µm)

SM Live Port
FTB-730-23B-04B = SM and SM live OTDR module, 1310/1550 and 1625 nm live port including in-line broadband power meter
FTB-730-000-04B = SM live OTDR with 1625 nm live port (9/125 µm) including in-line broadband power meter
FTB-730-000-08B = SM live OTDR with 1650 nm live filtered port (9/125 µm)

OPM Option [c]
OPM = One broadband channel included
OPM2 = Dual channel 1490/1550 nm

Example: FTB-730-23B-04B-OPM-iOLM-EA-EUI-89-EA-EUI-89-RT

iOLM Software Option
00 = Without iOLM option
iEX = iOLM Expert mode
RT = Real-time OTDR mode (via iOLM application) [b]

OTDR Software Option [b]
00 = Without software option, OTDR application
AD = Automatic diagnosis (macrobend detection, pass/fail and fault finder) and linear view
EC = Event characterization (bidirectional analysis and Template mode)

Connector
EA-EUI-28 = APC/DIN 47256
EA-EUI-89 = APC/FC narrow key
EA-EUI-91 = APC/SC
EA-EUI-95 = APC/E-2000
EA-EUI-98 = APC/LC
EI connectors = See note on next page

Base Software
OTDR = Enables the OTDR application only
iOLM = Enables the iOLM application only
Oi = Enables iOLM and OTDR applications

SINGLEMODE (PON FTTx/MDU) FOR FTB-200 COMPACT PLATFORM OR FTB-500 PLATFORM

FTB-7300E-XX-XX-XX-XX

Model
Dual Wavelength
FTB-7300E-023B = SM OTDR module, 1310/1550 nm (9/125 µm)
FTB-7300E-034B = SM OTDR module, 1550/1625 nm (9/125 µm)

Triple Wavelength
FTB-7300E-234B = SM OTDR module, 1310/1550/1625 nm (9/125 µm)
FTB-7300E-236B = SM OTDR module, 1310/1490/1550 nm (9/125 µm)

SM Live Port
FTB-7300E-023B-04B = SM and SM live OTDR module, 1310/1550 and 1625 nm live port
FTB-7300E-023B-08B = SM and SM live OTDR module, 1310/1550 and 1650 nm live port
FTB-7300E-000-04B = SM live OTDR with 1625 nm live port (9/125 µm)

Base Software
OTDR = Enables the OTDR application only
iOLM = Enables the iOLM application only [d]
Oi = Enables iOLM and OTDR applications [d]

Example: FTB-7300E-023B-04B-Oi-EA-EUI-89

iOLM Software Option [d]
00 = Without iOLM option
iEX = iOLM Expert mode
RT = Real-time OTDR mode (via iOLM application) [b]

OTDR Software Option [b, d]
00 = Without software option
AD = Macrobend finder and linear view

Connector
EA-EUI-28 = APC/DIN 47256
EA-EUI-89 = APC/FC narrow key
EA-EUI-91 = APC/SC
EA-EUI-95 = APC/E-2000
EA-EUI-98 = APC/LC
EI connectors = See note on next page

Notes

a. Available with iOLM base software only. This feature is part of the Oi base software.
b. Available with OTDR and Oi base software only.
c. Available with FTB-730-000-04B and FTB-730-23B-04B only.
d. Available on the FTB-200v2 platform only.

ORDERING INFORMATION (CONT'D)

Singlemode (METRO/CWDM)

FTB-7400E-XX-XX-XX-XX

Model
Dual Wavelength
FTB-7400E-0023B = SM OTDR module, 1310/1550 nm (9/125 µm)

Triple Wavelength
FTB-7400E-0234B = SM OTDR module, 1310/1550/1625 nm (9/125 µm)

Quadruple Wavelength
FTB-7400E-2347B = SM OTDR module, 1310/1383/1550/1625 nm (9/125 µm)
FTB-7400E-CWS = CWDM SM OTDR module, 1470/1490/1510/1530 nm (9/125 µm)
FTB-7400E-CWCL = CWDM SM OTDR module, 1550/1570/1590/1610 nm (9/125 µm)

Base Software
OTDR = Enables the OTDR application only
iOLM = Enables the iOLM application only [a]
Oi = Enables iOLM and OTDR applications [a]

iOLM Software Option [a]
00 = Without iOLM option
iEX = iOLM Expert mode
RT = Real-time OTDR mode (via iOLM application) [b]

OTDR Software Option [a, c]
00 = Without software option
AD = Macrobend finder and linear view

Connector
EA-EUI-28 = APC/DIN 47256
EA-EUI-89 = APC/FC narrow key
EA-EUI-91 = APC/SC
EA-EUI-95 = APC/E-2000
EA-EUI-98 = APC/LC
EI connectors: See note below

Example: FTB-7400E-2347B-Oi-EI-EUI-89-AD

SPSB-XX-XX

Model
Dual-Wavelength
SPSB-B-150 = Soft pulse suppressor bag, singlemode fiber 9/125 µm, 150 m

Connector
58 = FC/APC narrow key
88 = SC/APC narrow key
89 = FC/UPC
90 = ST/UPC
91 = SC/UPC
95 = E2000/UPC
96 = E2000/APC
101 = LC/UPC [d]
104 = LC/APC [d]

Example: SPSB-B-150-58-101

Notes

a. Available on the FTB-200v2 platform only.
b. Available with iOLM base software only. This feature is part of the Oi base software.
c. Available with OTDR and Oi base softwares only.
d. LC connectors are not available for first connector.

EI CONNECTORS

To maximize the performance of your OTDR, EXFO recommends using APC connectors on singlemode ports. These connectors generate lower reflectance, which is a critical parameter that affects performance, particularly in the dead zones. APC connectors provide better performances than UPC connectors, thereby improving testing efficiency.

For best results, APC connectors are mandatory on singlemode ports when using the iOLM application.

Note: UPC connectors are also available. Simply replace EA-XX by EI-XX in the ordering part number. Additional connectors available are the EI-EUI-76 (UPC/HMS-10/AG) and EI-EUI-90 (UPC/ST).

Printed in Canada 13/12