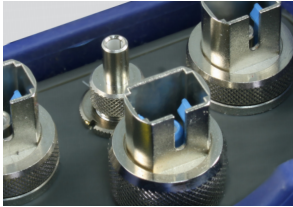


# OTDRs



## Test Port Adaptors

Adaptors for:

- OFL280, OFL250 series handheld OTDRs
- M200 series handheld OTDRs
- M700, M650, C850 series compact OTDRs
- C840 series quad certification testers
- OLS series optical light sources
- OPM series optical power meters
- OFS300, VS300 series inspection scopes
- VFS2 series video fiberscopes
- VOA6-SM VOAs

## Features

- Fit most connector and ferrule types.

## Applications

- Test
- Instrumentation

## Data sheet

Manufacturer: AFL

Product Code: 2900-

Product SKU: 53839000004614325

Product SKU: Adaptor, test port



## FLX380 FlexTester Micro OTDR

The AFL FLX380 FlexTester3 is the world's smallest, lightest, most complete single mode fiber optic test set. It combines high-performance, multi-wavelength OTDR/PON OTDR, Source, Power Meter, VFL and PON Power Meter in a rugged, hand-held package. With 42 dB dynamic range, best-in-class event, attenuation, and PON dead zones, LinkMap with pass/fail analysis, macrobend and splitter detection, launch quality check, plus AFL's unique ServiceSafe® and Wave ID features, the FLX380 FlexTester3 Series offers an unmatched combination of optical test functions, ease-of-use, portability, and value.

## Features

- 3rd generation hand-held, all-in-one OTDR, Source, Power Meter, VFL
- Icon-based LinkMap™ display with pass/fail for easy network analysis
- Patented in- or out-of-service testing from a single port
- 42/42 dB dynamic range @1310/1550 nm; test up to 1x128 PON
- Industry-leading 0.8/2.5/30 m event/attenuation/PON dead zones
- ServiceSafe® live PON detection and OTDR test without service disruption
- Integrated OLS/OPM with Wave ID reduces test time 80% and eliminates setup errors
- Rugged, hand-held and lightweight (<1 kg)
- High-contrast display: clear and bright, even in direct sunlight
- Industry leading battery life: over 12 hours operation from a single charge
- It's all about speed: with Instant On, you're ready to test in <5 sec

## Applications

- Certify new FTTx PON or point-to-point fibre installations, including splice, splitter and connector loss and reflectance, end-to-end length, loss and optical return loss (ORL).
- Troubleshoot live FTTx PONs, including live PON detection and PON power measurements plus live PON OTDR testing at 1625 or 1650 nm.
- Complete multi-wavelength end-to-end insertion loss tests faster and eliminate setup errors using AFL's Wave ID loss test feature.
- Generate stable optical source signals (CW, Wave ID or fibre-identifying tones) using the integrated Optical Laser Source.
- Trace fibres or locate fibre bends or breaks using the VFL (visible red laser).

## Data sheet

Manufacturer: AFL

Product Code: FLX380

Product SKU: 5383900004806151

Product SKU: Optical Test Instrument, micro-OTDR



## M210e Quad OTDR

The M210e is the inspection ready OTDR that combines OTDR, OPM and VFL capability with a proven, easy to operate and understand interface. The M210e offers the intuitive Touch and Test™ user interface in a rugged, lightweight, easy-to-hold package ready for field use. Touch and Test simplifies the M210e user experience, minimises human errors and reduces training time by providing one-touch access to the all major functions of the OTDR. The M210e allows setting Pass/Fail thresholds to industry standard TIA/ISO or user-values and automatically alerts users of

failing fibers, enabling both experts and novice technicians to complete jobs more accurately and in less time.

## Features

- Industry leading TruEvent™ analysis
- Short dead zones provide precise testing of closely spaced events
- 34 dB dynamic range single-mode
- Crisp bright display for indoor/outdoor viewing
- Integrated Power Meter and VFL (visual fault locator)
- Inspection ready with DFS1 Digital FiberScope
- 16 hours battery life
- Rugged, lightweight (<1 kg)
- Multiple languages supported

## Applications

- Enterprise network
- LAN/WAN
- Campus and military fibre networks and more

## Data sheet

Manufacturer: AFL

Product Code: M210e

Product SKU: 53839000004806163

Product SKU: OTDR, handheld, quad, 850/1300/1310/1550nm



## M310 Enterprise OTDR

Rugged, lightweight and easy to hold, the M310 has a Touch and Test user interface that makes it easy for experts and novices to test and document fiber networks accurately and quickly. TruEvent technology enables M310 to provide superior event analysis capability for user to verify and troubleshoot even the most complex fiber network. LinkMap visualizes test results for easy and quick interpretation. With dynamic range up to 38 dB, and 16 hour battery run time, M310 provides complete Tier 1 insertion loss and Tier 2 OTDR testing. Using pre-set Industry ISO/TIA standards or user set Pass/Fail thresholds, technicians are alerted to installation problems and failures in easy-to-interpret event table. Pass/Fail event table and trace are displayed on the same screen for easy correlation.

## Features

- Industry leading TruEvent™ analysis
- LinkMap™ for easy results interpretation
- Short dead zones provide precise testing of closely spaced events
- Front Panel and First Connector Check
- Live fiber detection
- Inspection ready with DFS1 Digital FiberScope
- Integrated Source, Power Meter and VFL

## Applications

- Enterprise network
- Data Center
- LAN/WAN
- Campus and military fibre networks and more

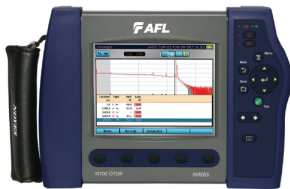
## Data sheet

Manufacturer: AFL

Product Code: M310-

Product SKU: 53839000003890059

Product SKU: OTDR, handheld, multi-function, 850/1300/1310/1550nm, SM & MM fibre



## M710 Multifunction OTDR

The AFL M710 OTDR from AFL combines ease of use (Touch and Test™) and functionality in a field-rugged, hand-held package. With single-mode dynamic ranges up to 40 dB and multimode dynamic ranges of 26 dB, the M710 OTDR is ideal for testing and troubleshooting LAN/WAN, metro, FTTx and long haul networks. Industry leading dead zones of less than 1.0 m enhance users' ability to locate and measure events. Testing at 1310 and 1550 nm is normally sufficient to certify point-to-point or FTTx PON fibers and allows the detection of macrobends.

## Features

- TruEvent™ advanced event analysis
- Inspection capable with DFS1 Digital FiberScope
- Live fiber detection prevents damage to network equipment
- Up to 13 hours battery life
- Dynamic range up to 44 dB for long range testing
- Automatic Pass/Fail analysis
- Large 6.5 inch full color touchscreen display
- Integrated Optical Power Meter (OPM) and Visual Fault Locator (VFL)
- Front Panel and First Connector Check features ensures accurate measurements

## Applications

- Test and certify campus & central office networks and Distributed Antenna Systems (DAS) fibreinfrastructure
- Tier 1 and Tier 2 testing and certification of SM and MM networks
- Document and create standards compliant acceptance reports with TRM® 2.0, companion PC software
- Inspection of fibre end-faces using DFS1 Digital FiberScope
- Real-Time OTDR - fault location and splice verification

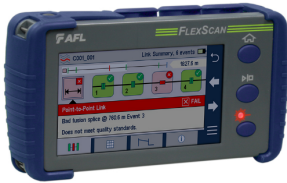
## Data sheet

Manufacturer: AFL

Product Code: M710

Product SKU: 53839000004374904

Product SKU: OTDR, multifunction



## FS2000 Flexscan OTDR

FlexScan OTDRs enable both novice and expert technicians to quickly and reliably troubleshoot optical networks or fully characterize newly installed or repaired networks. Using FlexScan's innovative SmartAuto mode, multiple OTDR scans quickly and accurately detect, locate, identify and measure network components and faults. After applying industry-standard or user-set pass/fail criteria, the characterized network is displayed using FlexScan's intuitive, icon-based LinkMap view.

### Features

- Fast, accurate SmartAuto OTDR network characterisation or fault location
- Easy to understand LinkMap results with pass/fail indications
- 1550 nm only version for cost-effective troubleshooting
- 1310/1550 nm version for complete network characterisation
- Alerts users to live fibres and poor launch conditions
- Integrated Source, Power Meter, VFL (visual fault locator)
- Bluetooth and Wi-Fi communications
- Compatible with FOCIS Flex connector inspection system
- Rugged, lightweight, hand-held for field use
- Large, bright touchscreen display easily viewed indoors and out
- Internal / external data storage via USB, Bluetooth, or Wi-Fi
- 12-hour Telcordia battery operation

### Applications

- Optical network installation, troubleshooting and maintenance
- OTDR testing plus Insertion Loss and Power measurements
- Locate faults exceeding industry or user pass/fail thresholds
- Visually pinpoint location of macro-bends or breaks inside cabinets and splice closures

### [Data sheet](#)

Manufacturer: AFL

Product Code: FS2000

Product SKU: 53839000004806191

Product SKU: OTDR, FlexScan