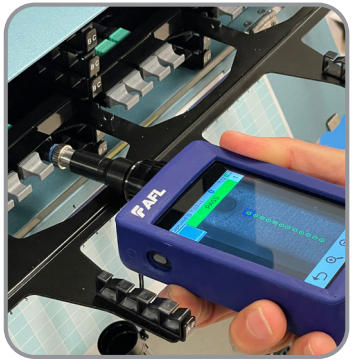


TEST & INSPECTION

OTDRs & Troubleshooters | Inspection & Cleaning | Optical Loss Testing | Fiber Identification | Test Management & Reporting Software

Accurate results and excellent customer service define AFL's Test and Inspection equipment

AFL's test and inspection products consistently meet and exceed customer needs. We deliver exceptional fiber optic testing equipment and outstanding service. Our ISO 9001:2008 certification and quality practices ensure you receive excellent products and documentation. Products are designed to provide accurate results every time. They are engineered to endure outside plant environments, and feature intuitive user interfaces that provide quick results without complicated training requirements. Product lines include OTDRs, Inspection and Cleaning, Loss Test Kits, Fiber Identifiers, Test Management and Reporting software.

OTDRs & Troubleshooters	Fiber Inspection & Cleaning	Optical Loss Testing	Fiber Identification
			

Test Management & Reporting Software

FlexScan® FS300 Quad and HDR OTDRs

The FlexScan FS300 series includes both a combined single-mode/multimode test set and a high dynamic range single-mode test set. Both are feature-rich solutions for detecting, identifying, locating, and resolving optical network issues. Designed for novice and expert technicians alike, these devices excel in diverse environments including data centers, fiber-to-the-home deployments, and long-haul networks. The FlexScan FS300 automates test setup, shortens test time, and simplifies results interpretation, improving efficiency and reducing costs.



FlexScan FS300

FlexReporter® Software Suite

AFL Flex Reports — PC Software

AFL FlexApp — Mobile App

FEATURES

- Multimode and Single-mode OTDR, including PON test
- SmartAuto® test mode 1-button automated testing for fast results
- Data Center test mode, for as low as <1 second per fiber OTDR test
- LinkMap® color-coded icons for easy troubleshooting

ORDERING

MODEL	OTDR CONFIGURATION	OPTICAL PERFORMANCE			DATA CENTER TEST MODE
		WAVELENGTHS (nm)	DYNAMIC RANGE[a] (dB)	DEAD ZONE EDZ/ADZ[a] (m)	
FS300-320	Pt-to-Pt & PON HDR OTDR	1310/1550	46/45	0.7/2.2	◆
FS300-323	Pt-to-Pt & PON HDR OTDR	1310/1550/1625	45/45/41	0.7/2.2	◆
FS300 325	Pt-to-Pt & PON Quad OTDR	850/1300/1310/1550	33/31/39/37	0.7/2.5	

Note:

a. Typical values.

For details, see FlexScan FS300 Specification sheet at **www.Aflglobal.com.**

FlexScan® FS200 Single-mode OTDR

The FlexScan FS200 OTDR is an all-in-one solution for detecting, identifying, locating, and resolving single-mode optical network issues. It is designed for both novice and expert technicians working in a range of environments, from FTTH PON to point-to-point networks. It applies industry-standard or user-set pass/fail criteria and displays results using LinkMap® color-coded icons to show the health of the network. FlexScans automate test setup, shorten test time, and simplify results interpretation improving efficiency and reducing costs.



FEATURES

- FleXpress® mode completes OTDR tests as low as 5 seconds
- Test up to 1:64 PON with as low as 18 m PON dead zone
- Easy to understand LinkMap® results with pass/fail indications
- Single, dual or triple wavelength single-mode

ORDERING

MODEL	OTDR CONFIGURATION	OPTICAL PERFORMANCE		
		WAVELENGTHS (nm)	DYNAMIC RANGE[a] (dB)	DEAD ZONE EDZ/ADZ[a] (m)
FS200-60	Filtered Live PON Troubleshooting OTDR	1650	38	0.7/2.3
FS200-100	Pt-to-Pt & PON Verification and Troubleshooting OTDR	1310/1550	39/37	0.7/2.3
FS200-300		1310/1550	40/38	0.7/2.3
FS200-303		1310/1550/1625	39/37/39	0.7/2.3
FS200-304		1310/1550/1650	39/37/38	0.7/2.3

Note:

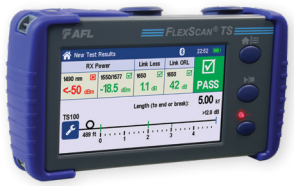
a. Typical values.

For details, see FlexScan FS200 Specification sheet at **www.Aflglobal.com.**

FlexScan® TS100 FTTH PON Troubleshooter

The FlexScan TS100 Optical Troubleshooter is an easy-to-use, all-in-one tool for detecting, identifying, locating, and resolving single-mode optical network issues. The TS100 has auto-configured settings to quickly measure received power, link length, loss, and ORL with the push of a button. The results are displayed using color-coded LinkMap® icons for easy analysis. The FlexScan TS100 automates testing, shortens test time, interprets results, and recommends corrective actions, improving efficiency of frontline technicians and reducing costs.

Diagnose your network in seconds: Just press Start button and the TS100 immediately measures and displays received power levels when connected to a live GPON and/or 10G PON network. Within seconds, link length, loss, and ORL are displayed, along with faults exceeding industry or user-set pass/fail limits. The TS100 even recommends corrective actions based on test results making it easier for technicians to find and fix network problems.



FlexScan TS100

FlexReporter® Software Suite

AFL Flex Reports — PC Software

AFL FlexApp — Mobile App

FEATURES

- Locate faults in <3 seconds with the press of a button
- Displays link length, loss, ORL, and Pass/Fail results
- Single-ended test reduces time and cost
- Rugged, lightweight, hand-held for field use

ORDERING

MODEL	APPLICATION	TEST λ (nm)	POWER METER
TS100-30	PON to Splitter & Point-to-Point	1625 nm filtered	PON
TS100-60	PON to Splitter & Point-to-Point	1650 nm filtered	Broadband + PON
TS100-70	PON through Splitter & Point-to-Point	1650 nm filtered	Broadband + PON

For details, see FlexScan TS100 Specification sheet at **www.Aflglobal.com.**

Multi-fiber Switch



FlexScan FS200 MPO-24 Switch



MFS Switch FlexScan FS200

The **MPO-24 Switch** enables OTDR- testing of MPO-24/MTP®-terminated cables, as well as MPO-16, MPO-12 and MPO-8 terminated cables with the appropriate launch rings. The MPO-24 optical fiber switch allows users to verify some or all fibers in a multi-fiber connector in a single test, saving both time and money by automating the scanning process without the need to manually plug and unplug each fiber. AFL's MPO-24 Switch is compatible with AFLs FlexScan FS200 and FS300 series OTDRs and can be ordered as part of a kit, or as an add-on kit for those with FS200/FS300 series OTDRs.

The **Multi-Fiber Switch (MFS)** enables the testing of 12-fiber cables without the need to use a breakout cable. The switch allows users to utilize a single piece of test equipment to seamlessly cycle through all of the fibers in a connector regardless of polarity without having to disconnect and reconnect your test equipment. MFS Switch is compatible with your existing FlexScan FS300/FS200 OTDRs.

Single-mode MPO-24 Switch and multimode Multi-Fiber Switche (MFS) are available to accelerate OTDR testing of MPO-connectorized, multi-fiber cables.

ORDERING

AFL NO.	DESCRIPTION
MPO24-SM-OTDR-ADD	MPO-24 Switch (24-fiber single-mode) with MPO APC pinned and SC/APC connectors
MPO-MM-OTDR-ADD	MFS Switch (12-fiber multimode) with MPO UPC pinned and SC/UPC connectors

FOCIS Flex3 Fiber Optic Connector Inspection System

The FOCIS Flex3 combines highly accurate fiber end-face inspection, immediate Pass/Fail analysis, and instant results display with the simplicity of a hand-held device, the versatility of interchangeable adapter tips, and the convenience of seamless results sharing and reporting.



FOCIS Flex3

FlexReporter® Software Suite

AFL Flex Reports — PC Software

AFL FlexApp — Mobile App

FEATURES

- Large hi-res touchscreen and smartphone-like operation
- Self-contained, tether-free, compact, hand-held inspection solution
- 1-button to auto-focus, center, capture, analyze, and save
- IEC, IPC, AT&T, and user-defined auto-analysis

ORDERING

Each FOCIS Flex3 Kit includes: FOCIS Flex3 probe with wrist strap and dust cap, FlexReports-Basic software with 60-day reporting trial, AC charger, USB cable, soft carry case with strap, and adapter tips as listed in the table below.

AFL NO.	DESCRIPTION / CONTAINS (ea.)							
	UPC TIPS		APC TIPS		LC UPC TIPS		LC APC TIPS	
	BULKHEAD	FERRULE	BULKHEAD	FERRULE	BULKHEAD	FERRULE	BULKHEAD	FERRULE
FOCIS-FLEX3-N								
FOCIS-FLEX3-SCU	1	1						
FOCIS-FLEX3-SCA			1	1				
FOCIS-FLEX3-LCU					1	1		
FOCIS-FLEX3-LCA							1	1

For details, see FOCIS Flex3 Specification sheet at **www.Aflglobal.com.**

FOCIS Lightning®2 Multi-Fiber Optic Connector Inspection System

The FOCIS Lightning2 is a compact self-contained inspection probe that captures and displays the entire MPO end-face image in less than two seconds. One button provides auto-focusing, centering, and Pass/Fail analysis at the connector and individual fiber level. It can be used to inspect MPO-8, -12, -16, -24 and -32 connectors. Results can be easily shared via USB and Bluetooth®.



FOCIS Lightning2

FlexReporter® Software Suite

AFL Flex Reports — PC Software

AFL FlexApp — Mobile App

FEATURES

- Large, simple-to-use touch screen
- Self-contained, tether-free, compact, hand-held inspection solution
- Auto-focus and auto-centering for fast, easy inspection

ORDERING

Each FOCIS Lightning2 Kit includes: FOCIS Lightning probe with wrist strap and dust cap, USB data/power cable and charger, FlexReports Basic software with a 60-day Advanced trial,carry case, and accessories as listed in the table below.

	CONTAINS (ea.)								
	BULKHEAD ADAPTER TIPS					ALIGNMENT SLEEVES		ONE-CLICK CLEANER	
	UPC MPO		APC MPO		SFA				
AFL NO.	M12U	MPOU	M12A	MPOA		MPO-12	MPO-16	MPO-12	MPO-16
FOCIS-LT2-N									
FOCIS-LT2-U	1	1				1	1	1	1
FOCIS-LT2-A			1			1		1	
FOCIS-LT2-UA	1	1	1			1	1	1	1
FOCIS-LT2-UASF		1		1	1	1	1	1	1

For details, see FOCIS Lightning2 Specification sheet at **www.Aflglobal.com.**

Fiber Optic Cleaning Solutions

AFL's fiber optic cleaning products enable network technicians and other staff to safely and effectively clean fiber optic connectors, dramatically decreasing network outage and downtime.



One-Click Cleaners



Cletop –SB

ORDERING

AFL NO.	DESCRIPTION
8500-05-0001MZ	One-Click Cleaner SC, ST, FC (500+ cleans)
8500-05-0002MZ	One-Click Cleaner MU/LC (500+ cleans)
8500-05-0004MZ	One-Click Cleaner ODC (outdoor connector)
8500-05-0005MZ	One-Click Cleaner Mini-100 SC, ST, FC (100+ cleans)
8500-05-0006MZ	One-Click Cleaner Mini-100 MU/LC (100+ cleans)
8500-05-0007MZ	One-Click Cleaner Ultra 2.5 SC, ST, FC (enlarged cleaning)
8500-05-0008MZ	One-Click Cleaner D-LC, Duplex LC (500+ cleans X2)
8500-05-0009MZ	One-Click Cleaner Mini-500 SC, ST, FC (500 cleans)
8500-05-0010MZ	One-Click Cleaner Mini-500 MU/LC (500 cleans)
8500-05-0021MZ	One-Click Cleaner SC, ST, FC (box of 5 units)
8500-05-0022MZ	One-Click Cleaner MU/LC (box of 5 units)
8500-05-0025MZ	One-Click Cleaner Mini-100 SC, ST, FC (box of 5 units)
8500-05-0026MZ	One-Click Cleaner Mini-100 MU/LC (box of 5 units)
8500-05-0027MZ	One-Click Cleaner Ultra 2.5 SC, ST, FC (box of 5 units)
8500-05-0030MZ	One-Click Cleaner MPO (500 cleans)
8500-10-0016MZ	Cletop –SB with White Tape
8500-10-0017MZ	Replacement Tape Type S - White

For details, see "Fiber Optic Cleaning and Inspection" catalog at **www.AFLglobal.com.**

FlowScout® QUAD OLTS Certification Test Set

The FlowScout Quad OLTS is ideal for fiber testing in enterprise LAN and data center environments. It is designed for fast, accurate Tier 1 optical loss certification of duplex fiber links and can test single-mode and multimode fiber. In addition to providing Tier I certification capability, it can also be used as a standalone power meter or light source. Additionally, the FlowScout Quad OLTS utilizes AFL's Wave ID format, allowing it to automatically identify incoming wavelength(s) of signals sent from other AFL products using Wave ID.



FlowScout® QUAD OLTS

FlexReporter® Software Suite

AFL Flex Reports — PC Software

AFL FlexApp — Mobile App

FEATURES

- Quad 850/1300/1310/1550 Tier I OLTS Certifier
- Single test set for duplex multimode and single-mode links
- Extremely fast and accurate pass/fail analysis

ORDERING

The FlowScout QUAD OLTS Kit includes: Main and Remote OLTS testers with single-mode and multimode ports with dust caps, FlexReports - Advanced software, AC charger with country-specific power plug, soft carry-case and strap.

AFL NO.	FLOWSCOUT QUAD OLTS TIER 1 CERTIFICATION KIT INCLUDES							
	SET OF MAIN/ REMOTE TESTERS	SET OF TEST CORDS				LC DUPLEX ADAPTERS	CLEANERS	
		SINGLE-MODE		MULTIMODE				
		USC/ULC	ULC/ULC	USC/ULC	ULC/ULC		LC	SC
DFLT-KIT-0001MR	1	2	4	2	4	2	1	1

For details, see FlowScout QUAD OLTS Specification sheet at **www.Aflglobal.com.**

FlowScout® MPO OLTS Test Set

The FlowScout MPO OLTS is the industry's first true 16-fiber Tier I OLTS tester that supports testing of all multi-fiber AND duplex connectors, enabling much faster test time. The FlowScout MPO OLTS test set provides significant time savings cutting testing phase in half. It streamlines the workflow with fewer steps and enables 16-fiber testing in just 6 seconds per port in a single pass.



FlowScout MPO OLTS Test Set

FlexReporter® Software Suite

AFL Flex Reports — PC Software

AFL FlexApp — Mobile App

FEATURES

- Industry's first native 16-fiber Tier 1 OLTS tester
- Single test set for multi-fiber and duplex fiber testing
- Certification to industry standards and custom test limits

ORDERING

Each FlowScout MPO OLTS Kit includes: OLS and OPM testers with multi-fiber and single fiber ports with dust caps, FlexReports-Advanced software, AC charger with country-specific plug, USB cable, and soft carry case with strap.

	FLOWSCOUT MPO OLTS TIER 1 CERTIFICATION KIT INCLUDES									
	OPM/OLS TESTERS	SET OF TEST CORDS AND ADAPTERS				CLEANERS				
AFL NO.		LC	MMC-16	MPO-8/-12	MPO-16	LC	SC	MMC-16	MPO-8/-12	MPO-16
MFLT-MMC-16	◆	◆	◆			◆	◆	◆		◆
MFLT-MPO-12	◆	◆		◆		◆	◆		◆	◆
MFLT-MPO-16	◆	◆			◆	◆	◆			◆

For details, see FlowScout MPO OLTS Specification sheet at **www.Aflglobal.com.**

FlowScout® SE100 Single-Ended Test Set

US Patent Pending

The FlowScout SE100 is designed to verify fiber continuity and measure insertion loss to the end of fibers terminated with AFL's 1430 nm Wavelength Optical Reflectors. When a reflector is detected, the FlowScout SE100 immediately reports its presence (confirming continuity to the reflector) and measures insertion loss to the reflector at 1430 nm wavelength. The reflector is near-transparent to PON and other wavelengths, allowing it to remain installed during network operation.



FlowScout SE100 with 1430 nm Wavelength Optical Reflector

FEATURES

- Verifies fiber continuity and insertion loss at 1430 nm from a single end
- Excess reflection (low ORL) detection at 1550 nm
- Live fiber detection and reporting
- Built-in optical continuous wave (CW) reflectometer
- Combines light source and power meter into a single unit

ORDERING

AFL NO.	DESCRIPTION
SE100-00-0901PR	FlowScout SE100 Single-Ended Test Set
8700-03-1430MZ	1430 nm Wavelength Optical Reflector, SC/APC, female-to-male, plug type

For details, see FlowScout SE100 and 1430 nm Wavelength Optical Reflector Specification sheets at **www.Aflglobal.com.**

FlowScout® Downstream PON Power Meter (DPPM)

The FlowScout DPPM is a Downstream PON Power Meter designed to automatically detect and simultaneously measure coexistent downstream PON power levels at 1490 nm GPON/EPON and either 1550 nm RF video or 1577 nm XG/XGS/10GEPON. The FlowScout DPPM features a large color touchscreen with a simple icon-driven user interface that displays measured power levels with color-coded pass/fail indications. Measured power levels may be automatically evaluated as pass/fail against ITU-T or user-set min/max limits. The FlowScout DPPM uses a single port to automatically detect PON and broadband wavelengths.



FlowScout DPPM

FlexReporter® Software Suite

AFL Flex Reports — PC Software

AFL FlexApp — Mobile App

FEATURES

- Measures coexistent downstream PON power levels
- GPON/EPON and RF Video or XG/XGS/10GEPON
- Single port for PON and broadband wavelengths
- Evaluates pass/fail against ITU or user-set limits
- Internal storage for 4000 test results
- Field-replaceable connector adapters

ORDERING

AFL NO.	DESCRIPTION
DPPM-100-0902PR	Includes: DPPM Downstream PON Power Meter, SC/APC connector adapter, AC charger, and soft carry case

For details, see FlowScout DPPM Specification sheet at **www.Aflglobal.com.**

FlowScout® Through-Mode PON Power Meter

US Patent 9,602,200 and US Patent 10,771,153

FlowScout PON optical power meter identifies, measures, and qualifies both downstream and upstream signal levels in FTTx PON networks. It is perfect for technicians responsible for activating and maintaining networks carrying a mix of GPON/EPON, video, and next gen PON (XG/XGS-PON, 10GEPON) wavelengths. FlowScout requires no setup! Technicians simply plug in the fiber under test to see results displayed in seconds on the large color touchscreen. Storage and reporting options are included to verify and document results from the field. FlowScout's rugged design makes it perfect for outside plant environments where it can be dropped, get dirty or even wet.



FlowScout
PON Optical Power Meter

FEATURES

- Detects multiple wavelengths automatically - NO setup required!
- Detects GPON, XGS-PON, and Video signals all at once
- Rugged and water resistant, IP54 rating
- Field-swappable connector adapters

ORDERING

AFL NO.	DESCRIPTION
TPPM-XG	FlowScout PON Power Meter XGPON/XGSPON

For details, see FlowScout Through-Mode PON Power Meter Specification sheet at **www.Aflglobal.com**

FlowScout® OPM8 Optical Power Meters

The FlowScout OPM8 optical power meter represents the next generation of smart optical power meters. Designed on the legacy of AFL/Noyes OPMs, the FlowScout OPM8 provides rapid loss testing with pass/fail results for use in enterprise LAN, data center, PON, and broadband networks. With a simple to use interface based on a color touchscreen, fiber technicians can quickly set-up, test, validate, and document installed fiber plant, as well as provide power measurements.



FlowScout OPM8

FEATURES

- Large color touchscreen with icon-driven interface
- Rapid pass/fail analysis based on user-set limits
- Wave ID for accuracy and reduced test time
- Internal test results storage

ORDERING

Each FlowScout OPM8 Kit includes: OPM8 power meter -L or-H model (as listed below) and FlexReports® software (as listed below), USB cable, and soft carry case.

AFL NO.	DESCRIPTION
OPM8-SP3-BAS	**FlowScout OPM8-L Basic Kit.** Includes: OPM8-L power meter, FlexReports Basic with 60-day FlexReports Power software trial
OPM8-SP4-BAS	**FlowScout OPM8-H Basic Kit.** Includes: OPM8-H power meter, FlexReports Basic s with 60-day FlexReports Power software trial
OPM8-SP3-PLUS	**FlowScout OPM8-L Advanced Kit.** Includes: FlowScout OPM8-L power meter, FlexReports Power
OPM8-SP4-PLUS	**FlowScout OPM8-H Advanced Kit.** Includes: OPM8-H power meter, FlexReports Power

For details, see FlowScout OPM8 Specification sheet at **www.Aflglobal.com.**

FlowScout® OLS8 Optical Light Sources

The FlowScout OLS8 optical light source represents the next generation of smart optical light sources. Built on the legacy of AFL/Noyes OLS series optical light sources, the FlowScout OLS8 provides a stable and accurate light source for use in enterprise LAN, data center, PON, and broadband networks. In the Wave ID mode, the OLS8 encodes each wavelength with a unique Wave ID code. When used with a Wave ID capable power meter, such as OPM8, the pair can test up to three wavelengths simultaneously reducing test time and eliminating wavelength-setting errors. The light source also offers CW mode (continuous output - no encoding) and supports test Tone generation (270 Hz, 330 Hz, 1 kHz, 2 kHz) to assist in troubleshooting.



FlowScout OLS8

FEATURES

- Large color touchscreen with icon-driven interface
- Wave ID for reduced test time and user errors
- Field-replaceable connector adapters
- AFL's FlexReporter integration (via OPM8)

ORDERING

AFL NO.	DESCRIPTION
OLS8-SL2-BAS	**FlowScout OLS8-SM DUAL (1310/1550 nm) Basic Kit.** Includes: FlowScout OLS8-SM DUAL light source, AC charger and power cable, quick reference guide, and soft carry case.
OLS8-SL4-BAS	**FlowScout OLS8-QUAD (850/1300/1310/1550 nm) Basic Kit.** Includes: FlowScout OLS8-QUAD light source, AC charger and power cable, quick reference guide, and soft carry case.
OLS8-SL7-BAS	**FlowScout OLS8-SM XGS (1310/1490/1550 nm) Basic Kit.** Includes FlowScout OLS8-SM XGS light source, AC charger and power cable, quick reference guide, and soft carry case.

For details, see FlowScout OLS8 Specification sheet at **www.Aflglobal.com.**

FlowScout® OLS8 and OPM8 Optical Loss Test Kits

AFL's FlowScout Optical Loss Test Kits include the OPM8 optical power meter and FlowScout OLS8 optical light source. These next generation smart optical power meters and optical light sources are designed on the legacy of the AFL/Noyes OPM and OLS series. These inclusive kits provide rapid loss testing with pass/fail results for use in enterprise LAN, data center, PON, and broadband networks.

5-YEAR WARRANTY



FlowScout OPM8 & OLS8

ORDERING

AFL NO.	POWER METER	LIGHT SOURCE	FIBER TYPE	LOSS MEASUREMENTS (nm)					DYNAMIC RANGE (dB)
				850	1300	1310	1490	1550	
SLP8-02-[KIT]	OPM8-L	OLS8-SM Dual	SM			◆		◆	69[b]
SLP8-07-[KIT]	OPM8-H	OLS8-SM XGS	SM			◆	◆	◆	49[b]
SMLP8-04-[KIT]	OPM8-L	OLS8-QUAD	MM SM	◆	◆	◆		◆	40 @ 850/1300 nm[a] 69 @ 1310/1550 nm[b]

FlowScout OPM8 and OLS8 Kit Configuration - [KIT]

[KIT]	OPM8 KIT CONFIGURATION / KIT CONTENTS
BAS[c]	Includes: OPM8, OLS8, soft case, FlexReports Basic software with 60-day FlexReports Power software trial, USB cable
PLUS	Includes: BAS Kit plus upgrade to FlexReports Power

Notes:

a. On 50/125 µm multimode fiber.

b. On 9/125 µm singlemode fiber.

c. Test results can be off-loaded via USB cable to FlexReports Basic, which provides result viewing and a 60-day trail of the FlexReports Power license. User can opt to upgrade FlexReports Basic to FlexReports Power after purchase. FlexReports Power provides professional reports generation for AFL power meters.

For details, see FlowScout OPM8 and OLS8 Specification sheet at **www.Aflglobal.com.**

Optical Power Meters

AFL offers a full range of optical power meters to support FTTx deployments, fiber network testing and certification, and basic power measurements. Backed by industry leading 5-year product warranties, these are the quality products you can trust.



OPM5 Optical Power Meter

ORDERING

AFL NO.	CALIBRATED WAVELENGTHS (nm)	DETECTOR TYPE	MEASUREMENT RANGE (dBm)	WAVE ID	TONE [a]	REF. SET	DATA SAVE	PC S/W
OPM4-2D	850, 1300, 1310, 1490, 1550	Germanium	+6 to -60	◆	◆	◆		
OPM4-3D	850, 1300, 1310, 1490, 1550, 1625	InGaAs	+10 to -75	◆	◆	◆		
OPM5-4D	850, 980, 1300, 1310, 1490, 1550, 1625	InGaAs	+26 to -50	◆	◆	◆	◆	◆
CSM1-3	850, 1300, 1310, 1490, 1550, 1625	InGaAs	+6 to -70		◆	◆		
CSM1-4	850, 980, 1310, 1490, 1550, 1625	InGaAs	+26 to -50		◆	◆		

a. 270 Hz, 330 Hz, 1 kHz, and 2 kHz Tone detection

LED and Laser Light Sources and Optical Loss Test Sets

AFL offers light sources and optical loss test kits for testing single-mode and/or multimode fiber networks.

5-YEAR WARRANTY



OLS2-Dual Laser Source



CKSM-2 Test Set

ORDERING - LED and Laser Light Source

AFL NO.	WAVELENGTHS (nm)	OUTPUT PORTS	EMITTER TYPE	OUTPUT POWER	STABILITY	WAVE ID	TONE OUTPUT
OLS1-DUAL	850, 1300	(1): MM	LED	-20 dBm	± 0.1 dB/8 hrs		N/A
OLS2-DUAL	1310, 1550	(1): SM	Laser	0 dBm	± 0.05 dB/1 hr	◆	270, 330 Hz, 1, 2 kHz
CSS1-MM	850, 1300	(1): MM	LED	-20 dBm	± 0.1 dB/1 hr		N/A
CSS1-SM	1310, 1550	(1): SM	Laser	0 dBm	± 0.05 dB/1 hr		270, 330 Hz, 1, 2 kHz

ORDERING - Optical Loss Test Kits

AFL NO.	MODEL	FIBER TYPE	LOSS MEA-SUREMENTS (nm)	CON-NECTOR	POWER METER	LIGHT SOURCE	DYNAMIC RANGE (dB)
CKM2-00-0902PR	CKM-2	MM	850, 1300	SC	CSM1-3	CSS1-MM	40[b]
CKS3-00-0901PR	CKS-3	SM	1310, 1550	FC	CSM1-3	CSS1-SM	70 @1310/1550 nm
CKS3-00-0902PR	CKS-3	SM	1310, 1550	SC	CSM1-3	CSS1-SM	70 @1310/1550 nm
CKD2-00-0902PR	CKSM-2	MM, SM	850, 1300 1310, 1550	SC, SC	CSM1-3	CSS1-MM, CSS1-SM	40 @850/1300 nm[b] 60 @1310/1550 nm[c]

Notes:

a. On 62.5/125 µm multimode fiber.

b. On 9/125 µm single-mode fiber.

MFIS Multi-Fiber Identification System

MFIS Multi-Fiber Identification System is an award-winning, innovative product family to help users verify network construction quickly, accurately and efficiently. MFIS provides 100% multi-fiber network continuity assurance and senior management peace-of-mind.



FEATURES

- Easy to use
- Powered by common batteries
- One-hand operation
- Hand-held and lightweight
- Three-year calibration interval

APPLICATIONS

- Multi-fiber network continuity assurance
- Various fan-out connectors for easy application
- Optimized for use on 250 µm, 900 µm, & ribbon fiber
- Fiber identification on both Power Meter and MFI
- Multi-fiber network for FTTx deployment

ORDERING

AFL NO.	DESCRIPTION
MFI1-00-0900MR	Multi-Fiber Identifier, no case
MFP1-12-0900MR	Multi-Fiber Power Meter, no case
MFTI-12-BAS	Multi-Fiber Tracer & Identifier with soft case
MFTP1-12-BAS	Multi-Fiber Tracer & Power Meter with soft case
MFTIP1-12-BAS	Multi-Fiber Tracer, Identifier, and Power Meter with soft case
ACCESSORIES	
8700-00-0198MR	Cable, MPO/APC(M)-SC/APC, 12-fiber, SM, fan-out, 3 meters
8700-00-0200MR	Cable, MPO/APC (M) - SC/UPC, 12-fiber, SM, fan-out, 3 meters
8700-00-0201MR	Cable, MPO/APC (M) - LC/UPC, 12-fiber, SM, fan-out, 3 meters
8500-05-0005MZ	One-Click Cleaner Mini-100 SC, ST, FC (100+ cleans)
8500-05-0006MZ	One-Click Mini-100 MU/LC (100+ cleans)
8500-05-0030MZ	One-Click Cleaner MPO (500+ cleans)

Visual Fault Identifier

Visual Fault Identifiers (VFI) use powerful red lasers to trace and troubleshoot single-mode or multimode optical fiber links. VFI is an ideal tool for locating a large number of defects that occur at connection points in and around fiber cabinets which are hidden in an OTDR's "blind-spot" or dead-zone. AFL offers VFI units for both single-ferrule and multi-ferrule connector styles.



VFI4 VFI4-L



MT Tracer

VFI4 and VFI4-Low VISUAL FAULT IDENTIFIERS

- Identify sharp bends or breaks in fibers
- Identify poorly mated connectors
- Verify AFL's FASTConnect® connector installation
- Identify and trace fibers during activation & installation

MT TRACER

- Essential tool for ribbon cable testing
- Multi-fiber VFI with 12 separately controlled lasers
- Verify connectivity of a 12-fiber ribbon cable
- Confirm polarity in seconds

SPECIFICATIONS

PRODUCT	WAVELENGTH	OUTPUT POWER	EMITTER	CONNECTOR	POWER
VFI4	650 nm	5 mW, 2 Hz, CW	Laser[a]	Universal 2.5 mm	(1) AA
VFI4-L	650 nm	1 mW, 2 Hz, CW	Laser[b]	Universal 2.5 mm; Optional 1.25 mm	(1) AA
MT Tracer	650 nm	1 mW, 2 Hz or CW	Laser	MTP®	(2) AA

a. Safety: Class IIIa FDA 21 CFR 1040.10 and 1040.11, Class 3R IEC 60825-1:2007-03.

b. Safety: Class II FDA 21 CFR 1040.10 and 1040.11, Class 2 IEC 60825-1:2007-03.

ORDERING

AFL NO.	PRODUCT	DESCRIPTION
VFI4-01-0900PR	VFI4	VFI4 with 2.5 mm and 1.25 mm adapters
VFI4-02-0900PR	VFI4-L	VFI4 with 2.5 adapter
TRCR-90-0900	MT Tracer	MT Tracer Kit: MT Tracer Source, MT Tracer Display, and carry case

Optical Fiber Identifiers

5-YEAR WARRANTY



OFI-200 and OFI-400x Models



OFI-BIPM and OFI-BIPMe

OFI-200 - Optical Fiber Identifier: Detects optical signals sent through single-mode fiber without disrupting traffic, differentiates traffic from 2 kHz tones, indicates traffic direction.

OFI-400 - Enhanced OFI: Adds LCD display of power. Designed for use with a wide range of single-mode fibers including 250 µm (bare) coated, 900 µm buffered and ribbon fibers or 2 mm and 3 mm jacketed fibers.

OFI-400C - Optimized for Jacketed Fiber: Functionally equivalent to the OFI-400 but designed specifically for use with 2 mm or 3 mm jacketed single-mode fibers.

OFI-400HP - High Power Applications: Designed for use where high levels of optical power are present. When display reaches +23 dBm (200 mW) or greater, the OFI-400HP displays "High" warning indication.

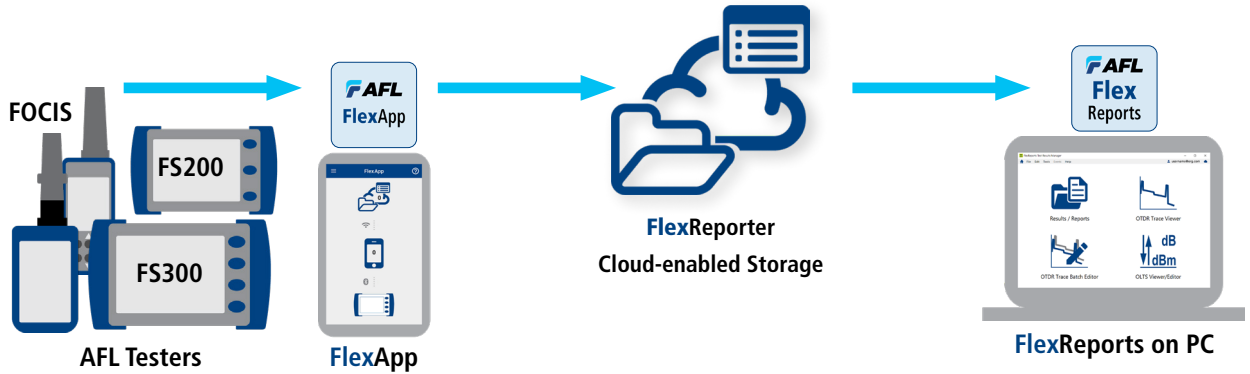
AFL NO.	FIBER COATING TYPE	INSERTION LOSS (dB) @1310 (nm)	INSERTION LOSS (dB) @1550 (nm)	TONE (Hz)	POWER
OFI-200D	250 & 900 µm, ribbon, 2 & 3 mm jacketed	0.6	2.5	2 kHz	9V
OFI-400C	2 & 3 mm jacketed	1.0	2.8	270, 330 Hz; 1, 2 kHz	(2) AAA
OFI-400	250 & 900 µm, ribbon, 2 or 3 mm jacketed	0.6	2.5	270, 330 Hz; 1, 2 kHz	(2) AAA
OFI-400HP	2 & 3 mm jacketed	0.2 - 0.5	0.8 - 1.3	270, 330 Hz; 1, 2 kHz	(2) AAA

Only available to customers in North and Central America, Caribbean, China, Vietnam and Malaysia!

OFI-BIPM/-BIPMe: Full featured OFI includes a touch screen, positive stop trigger, an integrated optical power meter, and several easy to select options. The OFI-BIPM/-BIPMe can be used with any SM fiber including bend insensitive fiber, bare fibers, ribbons and up to 3 mm jackets and most MM fibers.

AFL NO.	FIBER COATING TYPE	DETECTABLE SIGNALS	POWER
OFI-BIPM	MM fiber, 0.25 mm SM and SM ribbon fiber (up to 12 ribbon) 1.1 /1.5 /1.7 /2.0 /3.0 mm SM jacketed fiber	CW, Traffic or 270 Hz/1 kHz/2 kHz	(2) AA
OFI-BIPMe		CW, Traffic or 270Hz/330Hz/1kHz/2kH	

FlexReporter® Software Suite



FlexReporter Software Suite is a cloud-enabled reporting platform that provides wireless test data transfer, centralized cloud storage, and comprehensive reporting tools for AFL test and inspection products. The suite combines FlexApp, a mobile application that wirelessly transfers test results to FlexReporter centralized cloud storage, with FlexReports PC Software, a high-performance reporting application that generates professional test reports from cloud-synchronized data.

ORDERING

AFL NO.	DESCRIPTION
RPTS-ADV-1	FlexReports Advanced, one seat license on USB
RPTS-UP-TRM3-1	FLexReports Advanced, one seat, Upgrade from TRM® 3 Advanced on USB. Users must have TRM-3 Advanced license
FlexReports Basic	FlexReports Basic, available for download on AFL Software Resources website
FlexApp	FlexApp data transfer mobile App, available on Google Play and Apple App Storee



www.AFLglobal.com or (800) 235-3423

LC-01005 Revision 2026.08.15
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