Test & Inspection



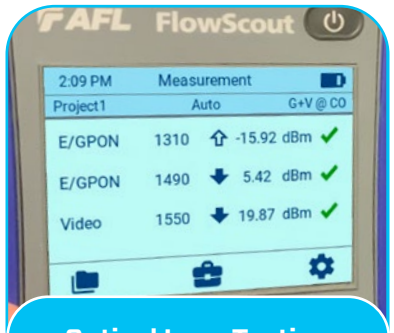
OTDRs & Troubleshooters



Fiber Optic Inspection



Fiber Optic Cleaning



Optical Loss Testing



Fiber Identification



Reporting Software

What's New? Tech Support & Contacts Software Updates Product Registration Service & Repair

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+1 (800) 235-3423 (Option 4)

Purchase Orders, Quote, RMA

SPBCustomerPO@AFLglobal.com

Service Request

AFLEquipmentService@AFLglobal.com
Product Service Request Form
+1-800-235-3423 (Option 2)

AFL Test & Inspection web

www.AFLglobal.com/Test

Warranty Activation

www.AFLglobal.com/Register

AFL's Customer Portal - Direct

content.AFLglobal.com/Direct.html

$250 Minimum Order

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$250 Minimum Order

RELEASE HIGHLIGHTS



FlowScout® QUAD OLTS Certification Test Set

The FlowScout QUAD OLTS Certification Test Set is a pair of hand-held testers that support native duplex testing of both multimode and single-mode fiber, with an integrated VFL for troubleshooting and fiber identification. Ideal for enterprise LAN and data center environments, the test set provides fast, accurate Tier 1 optical loss certification of duplex fiber links. In addition to Tier 1 certification, it also functions as a standalone optical power meter and light source.

The FlowScout QUAD OLTS incorporates AFL's Wave ID technology, automatically identifying the wavelength(s) transmitted by compatible AFL products using the Wave ID format. Its precision measurement technology delivers highly accurate optical loss measurements for reliable fiber link certification and verification. An intuitive icon-based user interface enables technicians to quickly configure tests, certify fiber links, and document results with minimal training.

See "FlowScout® QUAD OLTS Certification Test Set", page 29



FOCIS Flex3 Fiber Optic Inspection Solution

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.

A single button press enables the FOCIS Flex3 to automatically focus, capture, and center the end-face image, apply Pass/Fail criteria, display results, save data internally, and/or wirelessly transfer results to a paired FlexScan OTDR or a smart device running AFL's free FlexApp. Featuring a large integrated touchscreen, internal storage for up to 10,000 inspection results, and a rechargeable battery, the FOCIS Flex3 operates as a fully standalone inspection system without requiring an external OTDR or display device. Inspection result file naming is compatible with AFL's FlexScan OTDRs, enabling streamlined combined reporting with FlexReports PC software.

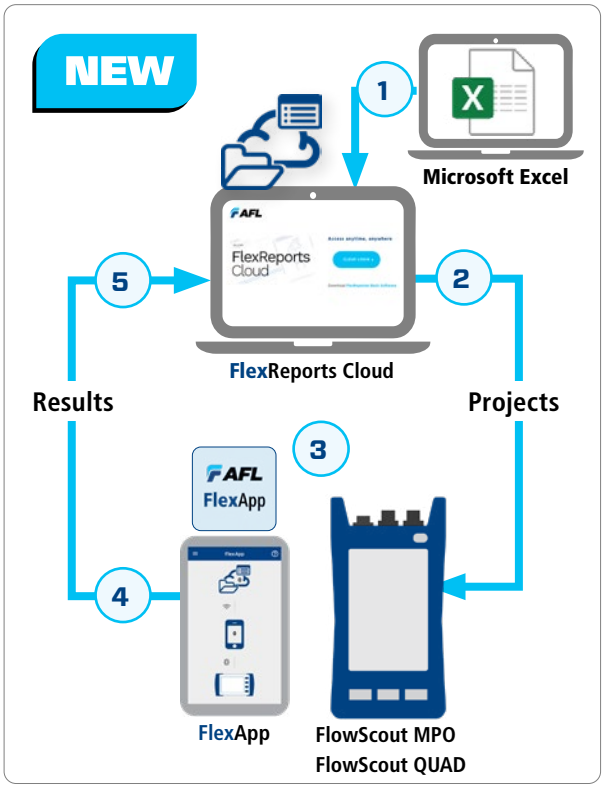
See "FOCIS Flex3 Fiber Optic Connector Inspection System", page 21



MT Tracer-16

AFL has expanded the multi-fiber VFL product family with the introduction of the MT Tracer-16. Multiple kits are available, which can include an MT Tracer-16 Source, MT Tracer Displays, and carry case. The MT Tracer-16 Source, which may be used as a multifiber Visual Fault Identifier, provides 16 separately controlled visible lasers. The MT Tracer Display uses passive optics to show the light received on each fiber being traced. The MT Tracer-16 can illuminate a selected fiber or automatically sequence through all 8, 12 or 16 fibers. When used together, the MT Tracer Source and Display provide a fast way to trace (verify connectivity) a 16-fiber link. Both Source and Display are equipped with male (pinned) 16-fiber MTP® connectors.

See "MT Tracer-16", page 43



FlexReports® Cloud Workflow

FlexReports Cloud Workflow streamlines FlowScout OLTS optical loss certification projects by connecting office-based project managers and field technicians through a centralized cloud platform, enabling real-time task assignment, progress tracking, and reporting across deployments of any size.

See "FlexReports Cloud Workflow", page 45

OTDRs AND TROUBLESHOOTERS

OTDRs and Troubleshooters Selection Guide

FlexReporter® Software Suite

AFL Flex Reports — PC Software

AFL FlexApp — Mobile App



FlexScan® FS300



FlexScan FS200



FlexScan TS100

Model	Point-to-Point					FTTx PON				Optical Performance			Test Mode					Results		MPO Switch Control	Integrated Peripherals				Reporting		Inspection
	MMF/SMF		SMF			SMF																OPM					
	Data Center	LAN	Core	Metro	Access	Dark	Live	Test To Splitter	Test Through Splitter	Wavelengths (nm)	Dynamic Range[c] (dB)	EDZ / ADZ[c] (m)	SmartAuto®	FleXpress®	Expert	Real-time	Data Center	LinkMap® View	Trace View		OLS	Broadband	Dual-λ PON	VFL	FlexReports	FlexApp iOS, Android	
FlexScan FS300 QUAD and HDR OTDR																											
FS300-320	◆	◆	◆	◆	◆	◆		◆	◆	1310/1550	46/45	0.7/2.2	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆		◆	◆	◆	◆
FS300-323	◆	◆	◆	◆	◆	◆	◆	◆	◆	1310/1550/1625	45/45/41	0.7/2.2	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆
FS300-325	◆	◆	◆	◆	◆	◆		◆	◆	850/1300/1310/1550	33/31/39/37	0.7/2.5	◆	◆	◆	◆		◆	◆	◆	◆	◆		◆	◆	◆	◆
FlexScan FS200 SM OTDR																											
FS200-60				◆	◆	◆	◆	◆	◆	1650	38	0.7/2.3	◆		◆	◆		◆	◆	◆		◆		◆	◆	◆	◆
FS200-100				◆	◆	◆		◆	◆	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	◆	◆	◆	◆		◆	◆	◆	◆	◆		◆	◆	◆	◆
FlexScan TS100 Troubleshooter																											
TS100-30					◆	◆	◆	◆		1625	Note 'a'	Note 'b'	◆					◆					◆		◆	◆	◆
TS100-60					◆	◆	◆	◆		1650	Note 'a'	Note 'b'	◆	◆				◆			◆	◆	◆	◆	◆	◆	◆
TS100-70					◆	◆	◆	◆	◆	1650	Note 'a'	Note 'b'	◆	◆				◆			◆	◆	◆	◆	◆	◆	◆

Notes:

a. See TS100 specification sheet for measurement range specifications.
b. See TS100 specification sheet for event detection specifications.
c. Typical values.

$250 Minimum Order





FlexScan Basic Kit



FlexScan Plus Kit



FlexScan PRO Kit



FlexScan BIPM Kit



FlexScan MPO Kit

FS300 QUAD and HDR OTDRs

The FlexScan FS300 OTDR enables both expert and novice technicians to quickly and accurately locate, identify and measure components and faults on either single-mode or multimode optical networks. The pocket-sized FlexScan FS300 features an integrated optical light source, power meter and visual fault locator (VFL). The three-wavelength model also offers an optional GPON and XGS-PON selective power meter. It can be easily coupled with AFL's FOCIS inspection probes and optical fiber identifiers (OFI) to give technicians everything they need to locate and resolve any optical network issues. FlexScan FS300 is also compatible with AFL's single-mode MPO-24 Switch and multimode Multi-Fiber Switch (12-fiber), significantly reducing test time over MPO-8/12/16/24, MMC-16/24 or MTP®-terminated fiber cables.

FlexScan FS300 Ordering Information

FlexScan FS300 family offers the following models with integrated VFL, OLS, OPM, Optional PON OPM, Bluetooth and Wi-Fi (future) communications:

- **FS300-320:** 1310/1550 nm PON and point-to-point verification and troubleshooting OTDR with four test modes, FOCIS inspection pairing and MPO-24 Switch control
- **FS300-323:** 1310/1550/1625 nm Live PON and point-to-point verification and troubleshooting OTDR with four test modes, FOCIS inspection pairing and MPO-24 Switch control
- **FS300-325**: 850/1300/1310/1550 nm PON and point-to-point verification and troubleshooting OTDR with three test modes, FOCIS inspection pairing and MPO-24 and MMFS (12-fiber) Switch control

AFL NO.	OTDR/OLS λ (nm)	PON OTDR	OLS/ OPM	PON OPM[b]	BT/ Wi-Fi	[KIT] Configuration Price					
						BAS	PLUS	PRO	BIPM	SMPO24	MMPO
FS300-325-[KIT]-P0-W0	850/1300 MM; 1310/1550 SM	◆						N/A	N/A	N/A	N/A
FS300-325-[KIT]-P0-W1	850/1300 MM; 1310/1550 SM	◆			◆			N/A	N/A	N/A	N/A
FS300-325-[KIT]-P1-W0	850/1300 MM; 1310/1550 SM	◆	◆								
FS300-325-[KIT]-P1-W1	850/1300 MM; 1310/1550 SM	◆	◆		◆						
FS300-320-[KIT]-P1-W1	1310/1550 SM	◆	◆		◆						N/A
FS300-323-[KIT]-P2-W1	1310/1550/1625 SM	◆	◆	◆	◆					N/A	N/A

FlexScan FS300 OTDR Kit Configuration - [KIT]

[KIT]	FS300 Kit Configuration / Kit Contents
BAS	Includes: FS300, FlexReports Basic[a] software with 60-day Advanced software trial , USB cable, soft case
PLUS	Includes: BAS Kit plus 150 m SMF & MMF fiber rings, One-Click Cleaner, upgrade to FlexReports Advanced, user-selected soft or hard carry case
PRO	Includes: PLUS Kit plus FOCIS Flex with two user-selected adapter tips
BIPM	Includes: PRO Kit plus OFI-BIPMe
SMPO24	Includes: FS300-320/325 with SC/APC on single-mode port and SC/UPC on multimode port, MPO-24 Switch (single-mode), single fiber 150 m fiber ring (SC/APC to SC/APC), type A polarity G.657A1 MPO-24 (female/unpinned to MPO-24 Switch) x 30 m MPO/MMC-24 or 80 m MPO/MMC-16 or 100 m MPO-12 APC (user-selected male/pinned or female/ unpinned) fiber ring, OTDR-to-switch USB cable, FlexReports Advanced, One-Click Cleaners (single-fiber and MPO), carry case that allows FlexScan, MPO-24 Switch, and fiber rings to be connected, operated in the carry case and remain configured during transport
MMPO	Includes: FS300-325 with SC/UPC OTDR connector, MFS Switch (multimode), OM2/3/4/5-compatible 150 m fiber ring (SC/UPC to SC/UPC), type A polarity OM4 61 m MPO-12 launch cable (UPC pinned) to user-selected male (UPC pinned) or female (UPC unpinned) MPO-12 connector, OTDR-to-switch USB cable, FlexReports Advanced, One-Click Cleaners (single fiber and MPO), carry case that allows FlexScan, MFS Switch, and fiber rings to be connected, operated in the carry case and remain configured during transport

Notes:

a. Test results can be off-loaded via USB cable or transferred wirelessly (W1 option) to the FlexReporter free Basic cloud, using the free FlexApp (iOS or Android) mobile application, for future reports generation with FlexReports software. FlexReports Advanced provides batch processing of test results and professional reports generation. FlexReports Basic provides result viewing and a 60-day trial of Advanced license. The user can opt to upgrade FlexReports Basic to Advanced after purchase.

b. Feature requires separately purchased Advanced Software Feature License. See the following FlexScan FS300 Order Entry section.

$250 Minimum Order

FlexScan® FS300 Order Entry

FS300-XXX Basic, Plus, PRO, BIPM kits Order Entry: **FS300-[MOD]-[KIT]-[Pn]-[Wn]-[C]-[CC]-[AC]-[SMFR]-[MMFR]-[TIP],**

FS300-320/325 MPO switch kits (SMF or MMF) Order Entry: **FS300-[MOD]-[KIT]-P1-[Wn]-[AC]-[FRM]-[CFG]**, where:

[MOD]	FS300 FlexScan OTDR Configuration
320	1310/1550 Pt-to-Pt & PON HDR OTDR (available only in APC, not applicable for MMPO switch kit)
323	1310/1550/1625 Pt-to-Pt & PON HDR OTDR (available only in APC, not applicable for any MPO switch kit)
325	850/1300/1310/1550 nm Pt-to-Pt and PON QUAD OTDR

[KIT]	FS300 Kit Configuration / Kit Contents
BAS	Includes: FS300, soft case, FlexReports Basic with 60-day Advanced license trial, USB cable[a]
PLUS	Includes: BAS Kit plus 150 m SMF & MMF Fiber Rings, One-Click Cleaner, upgrade to FlexReports Advanced, user-selected soft or hard carry case
PRO	Includes: PLUS Kit plus FOCIS Flex with two user-selected adapter tips
BIPM	Includes: PRO Kit plus OFI-BIPMe
SMPO24	Single-mode MPO24 switch kit (see SMPO24 kit details on preceding page)
MMPO[e]	Multimode MPO (12-fiber) switch kit (see MMPO kit details on preceding page)

[Pn]	Light Source (OLS) & Optical Power Meter (OPM)
P0	No OLS, no OPM (P0 is only available for FS300-325)
P1	850/1300 MM and/or 1310/1550 SM Source and Power Meter (P1 is not available for FS300-323)
P2	1310/1550/1625 SM Source and Broadband and optional PON Power Meters (P2 is only available for FS300-323)

[Wn]	Bluetooth / Wi-Fi Configuration
W0	No Bluetooth or Wi-Fi (W0 is not available for FS300-320/323)
W1[b]	Includes Wi-Fi (currently not enabled) and Bluetooth

[C]	Single-mode OTDR / Source Connector Type[d]
A	APC (recommended)
U	UPC

[CC][c]	Carry Case Option
S1	Large soft case for FlexScan, Fiber Rings, FOCIS Flex, OFI-BIPM, accessories (Plus, PRO, BIPM Kits only)
S2	Standard soft case for FlexScan, Fiber Rings, FOCIS Flex, accessories (Basic, Plus, PRO Kits only)
H1	Hard carry case (Plus, PRO, BIPM Kits only)

[AC]	Destination Country	AC Plugs
US	USA	2-pin, US
EU	European Union	2-pin, EU
UK	United Kingdom	3-pin, UK
CN	China, Australia	2-pin, SAA

[MMFR]	150 m OM1 62.5 µm MMF Fiber Ring[e]
Absent	N/A in Basic Kits
USC/UST1	FR-OM1-150-USC-UST
USC/USC1	FR-OM1-150-USC-USC
USC/ULC1	FR-OM1-150-USC-ULC

[MMFR]	150 m OM2 50 µm MMF Fiber Ring[e]
Absent	N/A in Basic Kits
USC/USC2	FR-OM2-150-USC-USC
USC/ULC2	FR-OM2-150-USC-ULC

[MMFR]	150 m OM2/3/4/5 - Compatible Fiber Ring[e]
Absent	N/A in Basic Kits
USC/UST3	FR-OM3-150-USC-UST
USC/USC3	FR-OM3-150-USC-USC
USC/ULC3	FR-OM3-150-USC-ULC

[SMFR]	150 m SMF Fiber Ring
Absent	N/A in Basic Kits
USC/USC	FR-SMF-150-USC-USC
USC/UFC	FR-SMF-150-USC-UFC
USC/ULC	FR-SMF-150-USC-ULC
USC/UST	FR-SMF-150-USC-UST
ASC/USC	FR-SMF-150-ASC-USC
ASC/UFC	FR-SMF-150-ASC-UFC
ASC/ULC	FR-SMF-150-ASC-ULC
ASC/UST	FR-SMF-150-ASC-UST
ASC/ASC	FR-SMF-150-ASC-ASC
ASC/ALC	FR-SMF-150-ASC-ALC

[TIP]	FOCIS Flex Tips & Cleaning (PRO, BIPM Kits)		
	Bulkhead Tip	Ferrule Tip	One-Click
SC	SC/UPC	2.5 mm UPC	2.5 mm
FC	FC/UPC	2.5 mm UPC	2.5 mm
LC	LC/UPC	1.25 mm UPC	1.25 mm
ASC	SC/APC	2.5 mm APC	2.5 mm
AFC	FC/APC	2.5 mm APC	2.5 mm
ALC	LC/APC	1.25 mm APC	1.25 mm
Absent	Option not available in Basic and PLUS Kits		

[FRM]	Single Mode MPO-24 Fiber Ring Type
Absent	N/A when [KIT] is MMPO
FRM2	MPO-24 to MPO/MMC-24 30 m G.657.A1
FRM5	MPO-24 to MPO/MMC-16 80 m G.657.A1
FRM6	MPO-24 to MPO-12 100 m G.657.A1

[CFG]	MPO/MMC Connector, Ferrule, Gender - to Network
C	Connector: blank for MPO, "M" for MMC
F	Ferrule: "A" for APC, "U" for UPC (UPC for MFS switch only)
G	Gender: "M" for male/pinned, "F" for female/unpinned

Notes:

a. Test results can be off loaded via USB cable or transferred wirelessly (W1 option) to the FlexReporter free Basic cloud software, using the free FlexApp (iOS/Android) mobile application, for future reports generation with FlexReports software.

b. FlexScans equipped with Bluetooth option (W1) support Bluetooth transfer of results via FlexApp for remote reporting using FlexReports.

c. Basic Kit always ships with S2 (Standard Soft Case); MPO Kit always ships with MPO-specific soft case.

d. SC adapter provided. Other adapter types are ordered separately. MM OTDR/Source connector type is always UPC.

e. Not available for FS300-320/323.

FlexScan® FS300 Order Entry (continued)

Advanced Software Features License for FlexScan FS300 OTDR

The FlexScan FS300 offers optional advanced features through simple serial-number-based software licensing, so you only pay for what you need, when you need it.

The **Data Center OTDR Test Mode** feature accelerates multi-fiber OTDR testing to as little as under one second per fiber when paired with AFL's MPO switch. This provides a tremendous decrease in the time required to test 100s/1000s of fibers. It is especially valuable for Data Center Interconnect and high-fiber-count PON distribution fiber (F2) applications.

The **GPON & XGS-PON Optical Power Meter** feature measures each PON wavelength individually (1490 and 1550 or 1577 nm), giving you accurate, signal-specific readings rather than just total power on the fiber. Allows simultaneous testing of GPON and XGS-PON signals coexisting over the same fiber.

Ordering[a]

AFL NO.	Description	
FS300-PONOPM-LIC	GPON & XGS-PON Optical Power Meter (for FS300-323 only)	
FS300-DCTM-LIC	Data Center OTDR test mode (for FS300-320/323 only)	

a. License purchase required for each FS300 unit. An email address for license delivery must be provided in order comments. License orders for FS300s from a separate order must include each FS300's serial number in the order comments.

FlexScan FS300 Connector Adapters and Accessories

See sections "FlexScan Series Connector Adapters", page 15 and "FlexScan Series Accessories", page 16

FlexReporter® Software Suite

PC Software: AFL Flex Reports

Mobile App: AFL FlexApp

FS200 Single-mode OTDR

Combining SmartAuto network-optimized event detection and analysis with its intuitive LinkMap view of the tested network, AFL's FlexScan OTDRs enable even novice technicians to quickly and easily troubleshoot or fully characterize optical fiber networks. Have dozens of fibers to test? Reduce test time more than 10x, completing dual-wavelength OTDR tests in as low as <10 seconds using FleXpress fast test! For even faster multi-fiber testing, use FlexScan's MPO-24 Switch control to automate testing for up to 24 fibers and as low as <1 second per fiber. FlexScans equipped with Bluetooth option (W1) support Bluetooth transfer of results via iOS or Android FlexApp for remote reporting using FlexReports. The FlexApp is available as a free download from 'iOS App Store' or 'Google play' store.



FlexScan OTDR



FlexScan Basic Kit



FlexScan Plus Kit



FlexScan PRO Kit

FlexScan FS200 Ordering Information

FlexScan FS200 family offers the following models with integrated VFL, two USB ports plus optional source, power meter, Bluetooth® and Wi-Fi communications:

- **FS200-60**: 1650 nm Live PON and Point-to-Point Verification and Troubleshooting OTDR with FOCIS inspection pairing
- **FS200-100**: 1310/1550 nm PON and Point-to-Point Verification and Troubleshooting OTDR with FleXpress, MPO-24 Switch control and FOCIS inspection pairing
- **FS200-300**: 1310/1550 nm PON and Point-to-Point Verification and Troubleshooting OTDR with FleXpress, MPO-24 Switch control and FOCIS inspection pairing
- **FS200-303:** 1310/1550/1625 nm Live PON and Point-to-Point Verification and Troubleshooting OTDR with FleXpress and FOCIS inspection pairing
- **FS200-304**: 1310/1550/1650 nm Live PON and Point-to-Point Verification and Troubleshooting OTDR with FleXpress and FOCIS inspection pairing

AFL NO.	OTDR/Source λ (nm)	PON OTDR		OLS	OPM	BT/Wi-Fi	[Kit] Configuration Price					
		Dark	Live				BAS	PLUS	PRO	FTTH-PRO	BIPM	MPO-24
FS200-60-[KIT]-P1-W1 [a]	1650	◆	◆		◆	◆				N/A	N/A	N/A
FS200-100-[KIT]-P0-W0	1310/1550	◆							N/A	N/A	N/A	N/A
FS200-100-[KIT]-P1-W1	1310/1550	◆		◆	◆	◆				N/A		N/A
FS200-300-[KIT]-P0-W1	1310/1550	◆				◆			N/A	N/A	N/A	N/A
FS200-300-[KIT]-P1-W1	1310/1550	◆		◆	◆	◆				N/A		
FS200-303-[KIT]-P1-W0	1310/1550/1625	◆	◆	◆	◆					N/A		N/A
FS200-303-[KIT]-P1-W1	1310/1550/1625	◆	◆	◆	◆	◆						N/A
FS200-304-[KIT]-P0-W1	1310/1550/1650	◆	◆			◆			N/A	N/A	N/A	N/A
FS200-304-[KIT]-P1-W0	1310/1550/1650	◆	◆	◆	◆					N/A		N/A
FS200-304-[KIT]-P1-W1	1310/1550/1650	◆	◆	◆	◆	◆						N/A

FlexScan FS200 Kit Configuration - [KIT]

[KIT]	FS200 Kit Configuration / Kit Contents
BAS	Includes: FS200, FlexReports Basic[b] software with 60-day Advanced software trial, USB cable, soft case
PLUS	Includes: BAS Kit plus 150 m SMF Fiber Ring, One-Click Cleaner, upgrade to FlexReports Advanced, soft or hard carry case
PRO	Includes: PLUS Kit plus FOCIS Flex with two user-selected adapter tips
FTTH-PRO	FS200-303/304 only. Includes: BAS Kit plus 150 m SC/APC and LC/APC Fiber Rings, FOCIS Flex plus SC/APC & LC/APC bulkhead and ferrule adapters, SC & LC One-Click Cleaners, FlexReports Advanced, soft or hard carry case.
BIPM	Includes: PRO Kit plus OFI-BIPMe
MPO24	Includes: FS200-300 with SC/APC OTDR connector, MPO-24 Switch (single-mode), single fiber 150 m fiber ring (SC/APC to SC/APC), type A polarity G.657A1 MPO-24 (24 x 24, 24 x 16, or 24 x 12) 30 m launch cable (unpinned) to user-selected male (pinned) or female (unpinned) MPO-24, MPO-16, or MPO-12 connector, OTDR-to-switch USB cable, FlexReports Advanced, One-Click Cleaners (single-fiber and MPO), carry case that allows FlexScan, MPO-24 Switch, and fiber rings to be connected, operated in the carry case and remain configured during transport

Note:

a. No light source.

b. Test results can be off-loaded via USB cable or transferred wirelessly (W1 option) to the FlexReporter free Basic cloud, using the free FlexApp (iOS or Android) mobile application, for future reports generation with FlexReports software. FlexReports Advanced provides batch processing of test results and professional reports generation. FlexReports Basic provides result viewing and a 60-day trial of Advanced license. The user can opt to upgrade FlexReports Basic to Advanced after purchase.

$250 Minimum Order

FlexScan® FS200 Order Entry

All kits include a FlexScan FS200 with AC charger, battery, carry strap, SC/2.5 mm connector adapters, FlexReports, USB cable, and carry case.

FS200-XXX-Basic, Plus, PRO, BIPM Kits Order Entry: **FS200-[MOD]-[KIT]-[PW]-[C]-[CC]-[AC]-[FR]-[TIP]**

FS200-300-MPO24 Switch Kit Order Entry: **FS200-300-MPO24-P1-W1-[A]-[AC]-[FRM]-[CFG]**

FS200-303/304-FTTH-PRO Kits Order Entry: **FS200-[MOD]-FTTH-PRO-[CC]-[AC]**, where:

[MOD]	FS200 FlexScan OTDR Configuration
60	1650 nm only Live PON Troubleshooting OTDR
100	1310/1550 nm Verification & Troubleshooting OTDR
300	1310/1550 nm Pt-to-Pt and PON Verification & Troubleshooting OTDR
303	1310/1550/1625 nm Pt-to-Pt and PON Verification & Troubleshooting
304	1310/1550/1650 nm Pt-to-Pt and PON Verification & Troubleshooting

[KIT]	FS200 FlexScan Kit Configuration / Kit Contents
BAS	Includes: FS200, FlexReports Basic with 60-day Advanced license trial, USB cable[a], soft case
PLUS	Includes: BAS Kit plus 150 m SMF Fiber Rings, One-Click Cleaner, upgrade to FlexReports Advanced, soft or hard carry case
PRO	Includes: PLUS Kit plus FOCIS Flex with 2 user-selected adapter tips
FTTH-PRO	FS200-303/304 only. Includes: BAS Kit plus 150 m SC/APC and LC/APC Fiber Rings, FOCIS Flex plus SC/APC & LC/APC bulkhead and ferrule adapters, SC & LC One-Click Cleaners, FlexReports Advanced, soft or hard carry case
BIPM	Includes: PRO Kit plus OFI-BIPMe
MPO24	Includes: FS200-300, MPO-24 Switch, MPO launch cable, OTDR to-Switch launch cable, OTDR-to-Switch USB cable, FlexReports Advanced

[PW]	Power Meter / Wireless Option
P0-W0	No Source, Power Meter, or Bluetooth/Wi-Fi (-100 only)
P0-W1[b]	No Source, Power Meter; Includes Bluetooth/Wi-Fi (-300/304 only)
P1-W0	No Bluetooth/Wi-Fi (-303/304 only); Includes Source, Power Meter
P1-W1[b]	Source (not included in FS200-60), Power Meter, Bluetooth/Wi-Fi

[C]	OTDR / Source Connector Type
A	APC (recommended)
U	UPC (Not available for FS200-60)

[CC][c]	Carry Case Option (PLUS, PRO, FTTH-PRO, BIPM Kits)
S1	Large soft case for FS200, Fiber Ring, FOCIS Flex, OFI-BIPMe accssories
S2	Medium soft case for FS200, Fiber Ring, FOCIS Flex, accessories
H1	Hard carry case for FS200, Fiber Ring, FOCIS Flex, OFI-BIPMe, accessories

[AC]	Destination Country	AC Plugs
US	USA	2-pin, US
EU	European Union	2-pin, EU
UK	United Kingdom	3-pin, UK
CN	China, Australia	2-pin, SAA

[FR]	150 m SMF Fiber Ring Configuration
Absent	N/A in Basic Kits
USC/USC	FR-SMF-150-USC-USC
USC/UFC	FR-SMF-150-USC-UFC
USC/ULC	FR-SMF-150-USC-ULC
USC/UST	FR-SMF-150-USC-UST
ASC/USC	FR-SMF-150-ASC-USC
ASC/UFC	FR-SMF-150-ASC-UFC
ASC/ULC	FR-SMF-150-ASC-ULC
ASC/UST	FR-SMF-150-ASC-UST
ASC/ASC	FR-SMF-150-ASC-ASC
ASC/ALC	FR-SMF-150-ASC-ALC

	FOCIS Flex Tips & Cleaning (PRO only)		
[TIP]	Bulkhead Tip	Ferrule Tip	One-Click
SC	SC/UPC	2.5 mm UPC	2.5 mm
FC	FC/UPC	2.5 mm UPC	2.5 mm
LC	LC/UPC	1.25 mm UPC	1.25 mm
ASC	SC/APC	2.5 mm APC	2.5 mm
AFC	FC/APC	2.5 mm APC	2.5 mm
ALC	LC/APC	1.25 mm APC	1.25 mm
Absent	Option not available in Basic and PLUS Kits		

[FRM]	Single Mode MPO-24 Fiber Ring Type
Absent	N/A when [KIT] is MPO24
FRM2	MPO-24 to MPO/MMC-24 30 m G.657.A1
FRM5	MPO-24 to MPO/MMC-16 80 m G.657.A1
FRM6	MPO-24 to MPO-12 100 m G.657.A1

[CFG]	MPO/MMC Connector, Ferrule, Gender - to Network
C	Connector: blank for MPO, "M" for MMC
F	Ferrule: "A" for APC, "U" for UPC (UPC for MFS switch only)
G	Gender: "M" for male/pinned, "F" for female/unpinned

Notes:

a. Results can be transferred from FlexScan OTDR to FlexReports using USB cable, or performed wirelessly (W1 option) after downloading free FlexApp. The FlexApp is available as a free download from 'Google play' or 'App Store'.

b. FlexScans equipped with Bluetooth option (W1) support Bluetooth transfer of results via FlexApp for remote reporting using FlexReports.

c. Basic Kit always ships with S2 (Medium Soft Case); MPO Kit always ships with MPO-specific soft case.

FlexScan FS200 Connector Adapters and Accessories

See sections "FlexScan Series Connector Adapters", page 15 and "FlexScan Series Accessories", page 16

$250 Minimum Order

FlexReporter® Software Suite

PC Software: AFL Flex Reports

Mobile App: AFL FlexApp

FlexScan® TS100 PON Troubleshooter

AFL's 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 provides auto-configured settings to quickly measure received power, link length, loss, ORL and detect events with the push of a button. Results are displayed within seconds 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.

The higher-performance TS100-70 FlexScans can test through splitters, measure splitter loss and compare it to user-settable min/max loss limits, enabling technicians to detect dirty or damaged connections or macro-bends at the splitter.

The lower cost FlexScan TS100-60 and TS100-30 will test to the splitter but not through the splitter. Consequently, it will not detect and report macro-bends or poor connections at the splitter which cause excess loss through the splitter.

TS100s are available with a field-replaceable connector, which accepts tool-free, interchangeable connector adapters. Users are able to replace the connector adapter in the field if damaged when mating dirty or damaged connectors to the TS100. The field-replaceable connector adapter also allows users to convert the Troubleshooter port from APC to UPC or vice versa.



FlexScan TS100



FlexScan Basic Kit



FlexScan Plus Kit



FlexScan PRO Kit

FlexScan TS100 Ordering Information

Depending on the model, TS100s may include an integrated Light Source, Broadband and Dual-wavelength PON Power Meter, Visual Fault Locator (VFL), USB and optional Bluetooth interfaces. The Light Source generates CW, Wave ID and fiber-identifying tones, while the Power Meter automatically detects Wave ID and tones.

AFL NO.	Application	Test λ (nm)	Power Meter	[Kit] Configuration Price		
				BAS	PLUS	PRO
TS100-30-P3	PON: To Splitter & Point-to-Point	1625 nm filtered	PON			
TS100-60-P2	PON: To Splitter & Point-to-Point	1650 nm filtered	Broadband + PON			
TS100-70-P2	PON: Through Splitter & Point-to-Point	1650 nm filtered	Broadband + PON			

FlexScan TS100 Kit Configuration - [KIT]

All kits include a selected FlexScan TS100 with AC charger, battery, carry strap, SC/2.5 mm connector adapters, FlexReports, USB cable, and soft carry case. PLUS Kits add a 150 m Fiber Ring, One-Click cleaner, and upgrade to FlexReports Advanced software. PRO Kits add a FOCIS Flex auto-focusing connector inspection probe with IEC pass/fail analysis and two adapter tips. TS100s are manufactured with APC connectors.

[KIT]	TS100 Kit Configuration / Kit Contents
BAS[a]	Includes: TS100, FlexReports Basic software with 60-day Advanced software trial, USB cable , soft case
PLUS	Includes: BAS Kit plus 150 m Fiber Ring, One-Click Cleaner, upgrade to FlexReports Advanced
PRO	Includes: PLUS Kit plus FOCIS Flex with 2 adapter tips

Notes:

a. Test results can be off-loaded via USB cable or transferred wirelessly (W1 option) to the FlexReporter free Basic cloud, using the free FlexApp (iOS or Android) mobile application, for future reports generation with FlexReports software. FlexReports Advanced provides batch processing of test results and professional reports generation. FlexReports Basic provides result viewing and a 60-day trial of Advanced license. The user can opt to upgrade FlexReports Basic to Advanced after purchase.

FlexScan TS100 Connector Adapters and Accessories

See sections "FlexScan Series Connector Adapters", page 15 and "FlexScan Series Accessories", page 16

$250 Minimum Order

FlexScan® TS100 Order Entry

TS100-[MOD]-[KIT]-[Pn]-[Wn]-[AC]-[FR]-[TIP], where:

[MOD]	TS100 Configuration
30	1625 nm filtered Live PON Troubleshooter, Test to Splitter
60	1650 nm filtered Live PON Troubleshooter; Test to Splitter
70	1650 nm filtered Live PON Troubleshooter; Test through Splitter

[KIT]	TS100 Kit Configuration/Kit Contents
BAS	Includes: TS100, FlexReports Basic with 60-day Advanced license trial, USB cable [a], soft case
PLUS	Includes: BAS Kit plus 150 m Fiber Ring, One-Click Cleaner, FlexReports Advanced
PRO	Includes: PLUS Kit plus FOCIS Flex with 2 adapter tips

[Pn]	Power Meter Option
P2	Broadband Power Meter plus dual-wavelength PON Power Meter for GPON / Video / XG/XGS/10GE PON
P3	Dual-wavelength PON Power Meter for GPON / XG/XGS/10GE PON

[Wn]	Bluetooth and Wi-Fi[c] Wireless Option
W0	Disabled
W1 [b]	Installed and enabled

[AC]	Destination Country	AC Plugs
US	USA	2-pin, US
EU	European Union	2-pin, EU
UK	United Kingdom	3-pin, UK
CN	China, Australia	2-pin, SAA

[FR1]	150 m SMF Fiber Ring
Absent	N/A in Basic Kits
ASC/USC	FR-SMF-150-ASC-USC
ASC/UFC	FR-SMF-150-ASC-UFC
ASC/ULC	FR-SMF-150-ASC-ULC
ASC/UST	FR-SMF-150-ASC-UST
ASC/ASC	FR-SMF-150-ASC-ASC
ASC/ALC	FR-SMF-150-ASC-ALC

[TIP]	FOCIS Flex Tips & Cleaning (PRO only)
Blank	Option not available in Basic and PLUS Kits
SC	SC/UPC bulkhead tip, 2.5 mm UPC ferrule tip, 2.5 mm One-Click Cleaner
FC	FC/UPC bulkhead tip, 2.5 mm UPC ferrule tip, 2.5 mm One-Click Cleaner
LC	LC/UPC bulkhead tip, 1.25 mm UPC ferrule tip, 1.25 mm One-Click Cleaner
ASC	SC/APC bulkhead tip, 2.5 mm APC ferrule tip, 2.5 mm One-Click Cleaner
AFC	FC/APC bulkhead tip, 2.5 mm APC ferrule tip, 2.5 mm One-Click Cleaner
ALC	LC/APC bulkhead tip, 1.25 mm APC ferrule tip, 1.25 mm One-Click Cleaner

Notes:

a. Results can be transferred from FlexScan to FlexReports using USB cable, or uploaded via Bluetooth using FlexApp downloaded from 'iOS App Store' or 'Google play' store.

b. FlexScans equipped with Bluetooth option (W1) support Bluetooth transfer of results via iOS or Android FlexApp for remote reporting using FlexReports.

c. Wi-Fi is not available on the TS100-30.

Optical Port Savers


2900-58-0001MR


2900-58-0002MR


2900-58-0003MR


2900-58-0004MR


2900-58-0014MR

Optical Port Saver — Field-replaceable Connector Adapter

AFL's Port Saver is a field-replaceable connector that protects the FlexScan®-series OTDR's ferrule from damage due to repeated mating.

Protect your OTDR ports from damage due to mating with dirty or damaged launch cables, patch cords, or normal wear and tear. Equip your FlexScan FS200/ FS300 OTDRs or FlexScan TS100 Troubleshooter with a field-replaceable connector, which installs in seconds and accepts AFL's tool-free interchangeable SC, LC, FC, and ST connector adapters.

Replace damaged connectors in the field: When normal wear-and-tear or poor cleaning practices damage the Port Saver's end-face, replace it in seconds without having to return the OTDR to a service center for an expensive and time-consuming repair.

Easy to install and cost-effective: The Port Saver helps you avoid factory replacement of damaged ferrules caused by dirt and debris. The traditional repair time for factory OTDR ferrules can be over 1 week. With the Port Saver, you can simply swap out the damaged Port Saver in the field with a new one saving time and costly shipping charges to the factory. Replacing the damaged Port Saver is easy, quick, and you will be back to testing in about 2 minutes!

FlexScan Series Connector Adapters

AFL NO.	Connector Adapters Description	Test Port	FS200	FS300	TS100	
2900-58-0001MR	FlexScan-facing APC female to APC male field-replaceable Port Saver SMF	OTDR/OLS	◆	◆	◆	
2900-58-0002MR	FlexScan-facing APC female to UPC male field-replaceable Port Saver SMF	OTDR/OLS	◆	◆	◆	
2900-58-0003MR	FlexScan-facing UPC female to APC male field-replaceable Port Saver SMF	OTDR/OLS	◆	◆		
2900-58-0004MR	FlexScan-facing UPC female to UPC male field-replaceable Port Saver SMF	OTDR/OLS	◆	◆		
2900-58-0014MR	FlexScan-facing UPC female to UPC male field-replaceable Port Saver, 50 µm MMF	OTDR/OLS		◆		
2900-50-0002MR	FC	OTDR/OLS	◆	◆	◆	
2900-50-0003MR	SC	OTDR/OLS	◆	◆ (incl)	◆	
2900-50-0004MR	ST	OTDR/OLS	◆	◆	◆	
2900-50-0006MR	LC	OTDR/OLS	◆	◆	◆	
2900-50-0011MR	SC/APC	OTDR/OLS	◆ (incl)	◆ (incl)	◆ (incl)	
2900-52-0001MR	FC	OPM	◆	◆		
2900-52-0002MR	SC	OPM	◆	◆		
2900-52-0003MR	ST	OPM	◆	◆		
2900-52-0004MR	LC	OPM	◆	◆		
2900-52-0005MR	2.5 mm Universal	OPM	◆ (incl)	◆ (incl)		
2900-52-0006MR	1.25 mm Universal	OPM	◆	◆		
2900-53-0001MR	2.5 mm Universal	FS200 VFL	◆ (incl)		◆ (incl)	
2900-53-0002MR	1.25 mm Universal	FS200 VFL	◆		◆	
2900-50-0007MR	2.5 mm Universal	FS300 VFL		◆ (incl)		
2900-50-0010MR	1.25 mm Universal	FS300 VFL		◆		

$250 Minimum Order

FlexScan Series Accessories

AFL NO.	Accessories | Description	Compatible With			
		FS200	FS300	TS100	
6000-00-0031MR	Cable, USB-micro B, 5 pin, 6 ft[a]	◆	◆	◆	
4050-00-0931PR	AC charger 100-240 VAC to 5 VDC (specify [AC] option; see 'Order Entry')	◆	◆	◆	
1400-05-0230PZ	FlexScan wrist strap	◆	◆	◆	
1400-05-0231PZ	FlexScan neck strap, 36"	◆	◆	◆	
8800-00-0072PR	Universal flip-top dust cap for OTDR/OLS and OPM ports (not applicable for VFL port)	◆	◆	◆	
1400-20-0011PZ	Soft carry case for FS300/FS200/TS100 kits with FOCIS Flex and fiber ring	◆	◆	◆	
1400-20-0010PZ	Soft carry case for FS300/FS200/TS100 kits with FOCIS Flex, OFI-BIPMe and fiber ring	◆	◆	◆	
1400-01-0177PZ	Hard carry case for FS300/FS200/TS100 kits with FOCIS Flex, OFI-BIPMe and fiber ring	◆	◆	◆	
1400-21-0004PZ	Glove case with neck strap and carabiner for FS200/TS100 test sets	◆		◆	
1400-20-0012PZ	Soft carry case for FS300/FS200 MPO kit	◆	◆		
3900-06-0902MR	FS300 extended temperature replacement battery		◆		
4050-00-0935PR	Vehicle charger with USB to barrel adapter cable	◆	◆	◆	
6000-00-0034PR	5V USB charging cable (1.5 m), type A to barrel (0.9 X 3.2 X 9 mm)	◆	◆	◆	
OFI-BIPMe - See "OFI-BIPM & OFI-BIPMe Optical Fiber Identifiers", page 43					
Fiber Rings - multimode or single-mode for use as OTDR test cords. See page 18					
TJ-03 Temporary Splice - See "TJ-03 Temporary Splice", page 20.					

Notes:

a. Results can be transferred from FlexScan to FlexReports using USB cable, or performed wirelessly after downloading the IOS or Android FlexApp from the 'iOS App Store' or 'Google play' store.
b. OTDR software updates are available for download on the www.AFLglobal.com.

$250 Minimum Order

MPO-24 and MFS Multi-Fiber Switches



MPO-24 Switch (single-mode)



MPO-24 Switch with FS300



MFS Multi-Fiber Switch (multimode)



MFS Switch with FS300

The density demands of today's networks are driving more demand for multi-fiber connectivity. As the adoption of multi-fiber connectors becomes more prevalent in data centers, the ability to test over these types of connections accurately and quickly has become even more critical.

AFL's MPO-24 Switch for single-mode multi-fiber networks and Multi-Fiber Switch (MFS) for multimode multi-fiber networks enable OTDR testing of MPO or MMC-terminated cables of 24, 16, 12 and 8 fibers, with the appropriate launch rings. The optical switches allow 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 plug and unplug each fiber manually. Also, combined with the FS300 HDR OTDR, the MPO-24 switch enables test times as low as <1 second/fiber.

AFL's optical switches are compatible with AFL's FlexScan FS200 and FS300 series OTDRs and can be ordered as part of an OTDR kit (see FS300 and FS200 sections), or as an add-on kit for in-service FS200/FS300 series OTDRs.

MPO Switch Ordering

AFL NO.	Contains (ea.)				
	Multi-fiber Switch Type	Fiber Ring (for between OTDR and Switch)[a]	MPO/MMC Fiber Ring (for between Switch and network)[a]		
MPO24-SM-OTDR-ADD	**MPO-24 Switch (24-fiber single-mode)** with MPO APC pinned and SC/APC connectors	SC APC/APC or SC APC/UPC, 150 m	MPO-24 (unpinned to MPO-24 Switch) x 30 m MPO/MMC-24 or 80 m MPO/MMC-16 or 100 m MPO-12, APC, G.657.A1, polarity type A	Select fiber rings, connector, and gender type below	
MPO-MM-OTDR-ADD	**MFS Switch (12-fiber multimode)** with MPO UPC pinned and SC/UPC connectors	OOM2/3/4/5-compatible, SC/UPC to SC/UPC, 150 m	MPO-12, UPC, OM4, polarity type A, 60 m, unpinned to MFS Switch	Select gender type below	

Note:

a. Choose fiber ring cable type and/or connector options below.

MPO Switch OTDR Add-on Kit Order Entry

Single-mode OTDR Add-on Kit (for MPO-24 Switch):

MPO24-SM-OTDR-ADD-[FR]-[FRM2]-[CAG] where:

[FR] = single-mode multi-fiber ring to connect OTDR to MPO-24 Switch; Options:

USC/ASC = SC/UPC to SC/APC for FlexScan OTDRs equipped with SC/UPC single-mode connector

ASC/ASC = SC/APC to SC/APC for FlexScan OTDRs equipped with SC/APC single-mode connector

[FRM] = single-mode multi-fiber fiber ring to connect MPO-24 Switch to single-mode fiber under test

FRM2 = MPO-24 to MPO/MMC-24 terminated fiber ring

FRM5 = MPO-24 to MPO/MMC-16 terminated fiber ring

FRM6 = MPO-24 to MPO-12 terminated fiber ring (MMC not available for FRM6)

[CAG] = Connector to network under test

C = Connector Type: blank for MPO, "M" for MMC (MMC not available for FRM6)

A = APC Ferrule

G = Gender Type: "M" for male/pinned, "F" for female/unpinned

Multimode OTDR Add-on Kit (for MFS Switch):

MPO-MM-OTDR-ADD-[UG] where:

[UG] = MPO-12 connector to network under test

U = UPC Ferrule

G = Gender Type: "M" for male/pinned, "F" for female/unpinned

Note: Multimode Add-on Kit always includes 150 m, OM2/3/4/5-compatible, SC/UPC to SC/UPC fiber ring to connect multimode OTDR to MFS Switch.

$250 Minimum Order



Fiber Ring

OTDR Launch and Receive/Tail Cords - Fiber Rings

To measure the insertion loss of the near-end and/or far-end connection of a fiber optic link, an OTDR requires a launch and/or receive/tail test cord, which are test jumpers that can range from about 150 m to 1 km in length. AFL offers coiled lengths of 50 µm and 62.5 µm multimode, standard single-mode fiber (G.652) and bend-insensitive fiber (G.657), packaged in compact rings for use as OTDR test cords. Fiber Rings of 150 m of fiber are ideal for premises fiber network test applications. Fiber Rings of 500 m and 1 km of single-mode fiber are designed for broadband, long-haul fiber network test applications and FTTH applications when testing through a splitter.

Single Fiber Single-mode or Multimode Fiber Rings Ordering Information

Part Number Order Entry: **AFL NO. = FR-[FFF]-[LLLL]-[CC1]-[CC2],** where:

[FR] = Fiber Ring (single fiber)

[FFF] = Fiber Type

- SMF = Single-mode (G.652)
- BIF = Bend Insensitive (G.657)
- OM1 = 62.5 µm multimode
- OM2 = 50 µm multimode
- OM3 = 50 µm laser optimized
- OM4 = 50 µm laser optimized

[LLLL] = Fiber Length

- 150 = 150 m (492 ft)
- 500 = 500 m (1640 ft)[b]
- 1000 = 1000 m (3280 ft)[b]

[CC1] = Connector Configuration OTDR end (see below)

[CC2] = Connector Configuration Network end (see below)

Configurations

Connector Type		Standard SM Fiber Rings		Special Order[a] SM Fiber Rings	
ID	**Description**	**CC1**	**CC2**	**CC1**	**CC2**
Single-mode Fiber Rings					
USC	SC/UPC	◆	◆		
ASC	SC/APC	◆	◆		
ULC	LC/UPC		◆	◆	◆
ALC	LC/APC		◆	◆	◆
UFC	FC/UPC		◆	◆	◆
AFC	FC/APC		◆	◆	◆
UST	ST/UPC			◆	◆
UE2	E2000/UPC		Special Order[a]		◆
AE2	E2000/APC		Special Order[a]		◆
OTA	OptiTap APC		Special Order[a]		
Multimode Fiber Rings					
USC	SC/UPC	◆	◆		
ULC	LC/UPC		◆	◆	◆
UFC	FC/UPC		◆	◆	◆
UST	ST/UPC		◆	◆	◆
UE2	E2000/UPC		Special Order[a]		

Ordering

AFL NO.	Description	
Standard Single-mode Fiber Rings		
FR-SMF-150-CC1-CC2	Fiber Ring, 150 m, G.652 SMF, CC1-CC2	
FR-SMF-500-CC1-CC2	Fiber Ring, 500 m, G.652 SMF, CC1-CC2	
FR-SMF-1000-CC1-CC2	Fiber Ring, 1000 m, G.652 SMF, CC1-CC2	
Special Order[a] Single-mode Fiber Rings		
FR-SMF-150-CC1-CC2	Fiber Ring, 150 m, G.652 SMF, CC1-CC2	
FR-SMF-500-CC1-CC2	Fiber Ring, 500 m, G.652 SMF, CC1-CC2	
FR-SMF-1000-CC1-CC2	Fiber Ring, 1000 m, G.652 SMF, CC1-CC2	
FR-BIF-150-CC1-CC2	Fiber Ring, 150 m, G.657.A2 BIF, CC1-CC2	
FR-BIF-500-CC1-CC2	Fiber Ring, 500 m, G.657.A2 BIF, CC1-CC2	
FR-BIF-1000-CC1-CC2	Fiber Ring, 1000 m, G.657.A2 BIF, CC1-CC2	
Standard OM1, OM2, OM3, OM4 Multimode Fiber Rings		
FR-OM1-150-CC1-CC2	Fiber Ring, 150 m, OM1 (62.5 µm) MMF, CC1-CC2	
FR-OM2-150-CC1-CC2	Fiber Ring, 150 m, OM2 (50 µm) MMF, CC1-CC2	
FR-OM3-150-CC1-CC2	Fiber Ring, 150 m, OM3 (50 µm laser-optimized) MMF, CC1-CC2	
FR-OM4-150-CC1-CC2	Fiber Ring, 150 m, OM4 (50 µm laser-optimized) MMF, CC1-CC2	
Special Order[a] OM1, OM2, OM3, OM4 Multimode Fiber Rings		
FR-OM1-150-CC1-CC2	Fiber Ring, 150 m, OM1 (62.5 µm) MMF, CC1-CC2	
FR-OM2-150-CC1-CC2	Fiber Ring, 150 m, OM2 (50 µm) MMF, CC1-CC2	
FR-OM3-150-CC1-CC2	Fiber Ring, 150 m, OM3 (50 µm laser-optimized) MMF, CC1-CC2	
FR-OM4-150-CC1-CC2	Fiber Ring, 150 m, OM4 (50 µm laser-optimized) MMF, CC1-CC2	

Notes:

a. Contact AFL for special order fiber rings. Not all combinations of lengths and connectors are supported. Minimum Order Qty of 10.

b. Not available for multimode rings.

$250 Minimum Order

Multi-Fiber Single-mode or Multimode Fiber Rings Ordering Information

Ordering part numbers are provided with the exception of the connection to the network under test for most part numbers. The connection to the network must be selected, where necessary, for connector type, ferrule and gender, based on the following options.

Part Number Order Entry: **AFL NO. = [CFG],** where

C = Connector Type: blank for MPO, "M" for MMC

F = Ferrule Type: "A" for APC, "U" for UPC (UPC for MFS (MPO-12 MM) switch only)

G = Gender Type: "M" for male/pinned, "F" for female/unpinned

Ordering[a]

AFL NO.	Description	
Standard Multimode Fiber Rings		
FRM1-M4-60-A-UF-CFG	MPO-12 MM Fiber Ring, 60 m, OM4, Type A	
Standard Single-mode Fiber Rings		
FRM1-S2-60-A-AF-CFG	MPO-12 SM Fiber Ring, 60 m, G.652.D, Type A	
FRM1-7A1-100-A-AF-CFG	MPO-12 SM Fiber Ring, 100 m, G.657.A1, Type A	
FRM1-7A1-100-B-AF-AF	MPO-12 SM Fiber Ring, 100 m, G.657.A1, Type B, APC female to female	
FRM2-A1-30-A-AF-CFG	MPO/MMC-24 SM Fiber Ring, 30 m, G.657.A1, Type A	
FRM5-A1-80-A-AF-CFG	MPO-24 to MPO/MMC-16 SM Fiber Ring, 80 m, G.657.A1, Type A	
FRM6-A1-100-A-AF-CFG	MPO-24 to MPO-12 SM Fiber, 100 m, G.657.A1, Type A	

Nots:

a. Contact AFL for ordering configurations of multi-fiber single-mode or multimode fiber rings. Minimum Order Qty of 10.

Custom-Designed Network Simulators

Network simulators are custom-designed bench-top or rack-mountable boxes intended to duplicate installed fiber optic networks. Network simulators may be ordered with customer-specified lengths of multimode or single-mode fiber. Events can be added at various points within the fiber to duplicate installed networks. A variety of changeable panel-mounted connector types are available. The benchtop models can accommodate up to 15 km of fiber and the rack-mountable cases can hold up to 100 km of fiber.

FASTConnect®



FASTConnect® for Bare Fiber Termination

Suitable for either permanent connection or as a bare fiber termination for OTDR testing, FASTConnect connectors may be used to terminate single-mode or multimode fiber (OM1, OM2, OM3/4-compatible) with SC, SC/APC, LC, ST connectors. Termination requires a simple, familiar strip, clean, and cleave process. Each FASTConnect adapter may be reused up to 3 times.

FASTConnect Order Entry: FAST-[C]-[FT]-[Q] where:

[C]	Connector Type
SC	SC/UPC for 900 µm buffered fiber
ST	ST/UPC for 900 µm buffered fiber
LC	LC/UPC for 900 µm buffered fiber
SC48	SC/APC for 4.8 mm single-mode cable

[FT]	Fiber Type
MM50	50 µm OM2, UPC ferrule
MM50L	50 µm OM3/4-compatible, UPC ferrule
MM62.5	62.5 µm OM1, UPC ferrule
SM	Single-mode, UPC end
SMAU	Single-mode, APC ferrule with flat-cleaved fiber stub (SC48 only)

[Q]	Quantity
6	Package of 6
100	Package of 100

FASTConnect Ordering

AFL NO.	Description	[Q]TY 6 price for [C]onnector			[Q]TY 100 price for [C]onnector		
		SC	LC	ST	SC	LC	ST
FAST-[C]-MM50-[Q]	50 µm OM2, UPC ferrule						
FAST-[C]-MM50L-[Q]	50 µm OM3/4-compatible, UPC ferrule						
FAST-[C]-MM62.5-[Q]	62.5 µm OM1, UPC ferrule						
FAST-[C]-SM-[Q]	Single-mode, UPC ferrule						
FAST-[C]-SMAU-[Q]	Single-mode, APC ferrule with flat-cleaved fiber stub						



TJ-03 Temporary Splice

TJ-03 Temporary Splice

Only available to customers in North America!

The TJ-03 is a temporary mechanical fiber splice for fiber and cable connection to test equipment, such as OTDRs or fiber optic cable reels. The TJ-03 uses a precision ceramic V-groove to align up to 12 fibers simultaneously. The fibers are prepared for joining by using standard mass fusion fiber preparation tools (fiber holders, hot jacket stripper, and cleaver.) Using the TJ-03 with an OTDR equipped with an optical switch provides rapid one-button optical tests of 12 fibers.

AFL NO.	Description	
S012772	TJ-03 Temporary Splice Kit includes: (1 pair) FH-50-12 fiber holders, CT-30 cleaver, HJS-02 hot jacket stripper, ADC-09 AC adapter for HJS-02, ACC-09 power cord	
S010456	TJ-03 Temporary Splice (without fiber preparation tools)	

$250 Minimum Order

FIBER OPTIC INSPECTION

NEW

FlexReporter® Software Suite

PC Software: AFL Flex Reports

Mobile App: AFL FlexApp



FOCIS Flex3

FOCIS Flex3 Fiber Optic Connector Inspection System

AFL's 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.

A single button press enables the FOCIS Flex3 to automatically focus, capture, and center the end-face image, apply Pass/Fail criteria, display results, save data internally, and/or wirelessly transfer results to a paired FlexScan OTDR or a smart device running AFL's free FlexApp. Featuring a large integrated touchscreen, internal storage for up to 10,000 inspection results, and a rechargeable battery, the FOCIS Flex3 operates as a fully standalone inspection system without requiring an external OTDR or display device. Inspection result file naming is compatible with AFL's FlexScan OTDRs, enabling streamlined combined reporting with FlexReports PC software.

FOCIS Flex3 Connector Inspection Kits

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, and soft carry case with strap.

	Description												
	Contains (ea.)											Functionality	
AFL NO.	FOCIS Flex3 Probe	AC Charger	UPC Tips		APC Tips		LC UPC Tips		LC APC Tips		Soft Carry Case	BT/Wi-Fi	
			Bulkhead	Ferrule	Bulkhead	Ferrule	Bulkhead	Ferrule	Bulkhead	Ferrule			
FOCIS-FLEX3-N	1	1									1	◆	
FOCIS-FLEX3-SCU	1	1	1	1							1	◆	
FOCIS-FLEX3-SCA	1	1			1	1					1	◆	
FOCIS-FLEX3-LCU	1	1					1	1			1	◆	
FOCIS-FLEX3-LCA	1	1							1	1	1	◆	

Adapter Tips Included with the FOCIS Flex3 Kits

FOCIS Flex3 Kit	Ferrule Adapter Tips			Bulkhead Adapter Tips		
AFL No.	AFL No.	Description	Tip ID	AFL No.	Description	Tip ID
FOCIS-FLEX3-SCU	**FFLX-01-U25**	Universal 2.5 mm, UPC ferrule	U25	**FFLX-01-SC**	SC/UPC bulkhead	SC
FOCIS-FLEX3-SCA	**FFLX-01-A25**	Universal 2.5 mm, APC ferrule	A25	**FFLX-4S-ASC**	SC/APC bulkhead adapter tip, quad-slotted	XASC
FOCIS-FLEX3-LCU	**FFLX-01-U125**	Universal 1.25 mm, UPC ferrule	U125	**FFLX-01-LC**	LC/UPC bulkhead	LC
FOCIS-FLEX3-LCA	**FFLX-01-A125**	Universal 1.25 mm, APC ferrule	A125	**FFLX-4S-ALC**	LC/APC bulkhead adapter tip, quad-slotted, internal prism	XALC

FOCIS Flex3 Accessories

AFL NO.	Description	Price
1400-01-0172PZ	Easy Access carry case	
1400-05-0230PZ	Wrist strap	
3900-06-0005MR	Battery Pack,3.6V, Li-Pol, rechargeable	
4050-00-0038MR	AC charger, USB-A, 90-264 VAC, 5V 2.5A. Comes with interchangeable US, UK, EU, and CN/AUS power plugs for AC charger & USB-A to USB-C charge and data transfer cable.	
8800-02-0074MZ	Dust cap for the inspection port	
1400-01-0024MZ	Small tackle box	

$250 Minimum Order


FOCIS Flex


6000-00-0034PR


1410-02-0228PZ


FFLX-01-SC


FFLX-4S-ALC


FFLX-4S-ALC3


FFLX-01-ULCE

FOCIS Flex Fiber Optic Connector Inspection System

FOCIS Flex is available for large-scale deployment through volume-based purchasing programs. For pricing, availability, and configuration options, please contact AFL to speak with a representative.

FOCIS Series Inspection Adapter Tips

Inspection Adapter Tips for FOCIS Flex3, FOCIS Flex, FOCIS Duel Port 1, FOCIS WiFi

AFL NO.	Description	Tip ID	
FFLX-01-SC	SC/UPC bulkhead	SC	
FFLX-01-FC	FC/UPC bulkhead	FC	
FFLX-01-ST	ST/UPC bulkhead	ST	
FFLX-01-LC	LC/UPC bulkhead	LC	
FFLX-01-U25	Universal 2.5 mm, UPC ferrule	U25	
FFLX-01-A25	Universal 2.5 mm, APC ferrule	A25	
FFLX-01-U125	Universal 1.25 mm, UPC ferrule	U125	
FFLX-01-A125	Universal 1.25 mm, APC ferrule	A125	
FFLX-01-ULCE	Extended LC UPC adapter tip	ULCE	
FFLX-01-EXTS46	FOCIS adapter extension tube, straight, 46 mm		
FFLX-01-EXTS80	FOCIS adapter extension tube, straight, 80 mm		
FFLX-4S-ASC	SC/APC bulkhead adapter tip, quad-slotted	XASC	
FFLX-4S-AFC	FC/APC bulkhead adapter tip, quad-slotted	XAFC	
FFLX-4S-ALC	LC/APC bulkhead adapter tip, quad-slotted, internal prism	XALC	
FFLX-4S-ALC3	Extended LC APC bulkhead adapter tip, quad-slotted	ALC3	
FFLX-4S-E2K	E2000/PC bulkhead adapter tip, quad-slotted (~60 mm)	E2K	
FFLX-4S-AE2K	E2000/APC bulkhead adapter tip	AE2K	
FFLX-4S-OTA	OptiTap (SC/APC) bulkhead adapter tip, quad-slotted	OTA	
FFLX-4S-DCU	MDC/UPC adapter tip, quad-slotted	DCU	
FFLX-4S-SNU	SN/UPC adapter tip, quad-slotted	SNU	
FFLX-4S-LC6U	NG4 UPC bulkhead adapter	LC6U	
FFLX-4S-LC6A	NG4 APC bulkhead adapter	LC6A	
FFLX-4S-EVA	Evolv bulkhead adapter tip, quad-slotted	EVA	

$250 Minimum Order



DFS1-00-0001MR



DFS1-00-0002MR



DFS1-00-0041MR


DFS1-00-0050MR

DFS1 Inspection Adapter Tips

AFL NO.	Description	Tip ID	
PC Ferrule Connector Adapter Tips			
DFS1-00-0001MR	Universal 1.25 mm	U125	
DFS1-00-0002MR	Universal 2.5 mm	U25	
DFS1-00-0006MR	Universal 1.6 mm (for termini)	T16M	
DFS1-00-0009MR	SMA 905	SMA	
SC/PC and FC/PC Bulkhead Adapter Tips			
DFS1-00-0003MR	SC/PC and FC/PC	FS	
DFS1-00-0012MR	Long (~150 mm) extended tip for SC/PC and FC/PC bulkhead adapter	FS	
LC/PC/UPC Bulkhead Adapter Tips			
DFS1-00-0059MR	Short (~60 mm) extended tip for LC PC/UPC bulkhead	LCP-S	
MTP/MPO Multi-fiber Adapter Tips (ferrule and bulkhead)			
DFS1-00-0041MR	Adapter tip for MPO-12 PC bulkhead; Requires single- or multi-row base	MTP[(b)]	
DFS1-01-0015MR	Adapter tip for MPO-16 APC bulkhead; Requires single- or multi-row base	MTPA16[(b)]	
DFS1-00-0042MR	Kit: Single-row base and MTP plus MTPA (MPO-12 PC and MPO-12 APC) bulkhead adapter tips	MTP, MTPA[(a), (b)]	
DFS1-00-0050MR	Kit: Multi-row base and MTP (MPO-12 PC) bulkhead	MTP[a, b]	
DFS1-01-0010MR	Kit: Single-row base and MTPA (MPO-12 APC) bulkhead	MTPA[a, b]	
Miscellaneous Adapter Tips			
DFS1-00-0056MR	Universal 60 degrees angled extended adapter tip	A6A, U-A6	
DFS1-00-0034MR	1.6 mm termini bulkhead	T16F	
DFS1-00-0048MR	TFOCA II ferrule and bulkhead adapter guide only	TFO-G	
DFS1-00-0057MR	Adapter for Viavi/Westover tips and FOCIS Flex probe	WOA	
DFS1-00-0064MR	Extended CS Bulkhead Adapter Tip	CS-E	
APC Tips			
DFS1-01-0013MR	Single-row base with OptiTip® APC bulkhead and ferrule adapter tips	OTIPA	

Notes:

a. MTP extended tip marking includes S/N since these have moving parts.
b. Base plus tip is required to inspect MPO/MTP connectors. All MPO/MTP connectors are inspected through a bulkhead adapter.
c. Requires FFLX-01-EXT46 extension for use with FOCIS Flex.

FOCIS Lightning®2 Multi-Fiber Optic Connector Inspection System

FlexReporter® Software Suite

AFL Flex Reports — PC Software

AFL FlexApp — Mobile App

The FOCIS Lightning2 is a compact, self-contained connector inspection system specifically designed to meet the demanding requirements of hyperscale data centers, where connector contamination can impair network performance. It captures and displays the entire MPO end-face image in less than two seconds and supports MPO-8, MPO-12, MPO-16, MPO-24, and MPO-32 connector configurations. Inspection results can be shared seamlessly via USB or Bluetooth®. One-button operation provides automatic focusing, centering, and Pass/Fail analysis at both the connector and individual fiber levels, delivering industry-standard cleanliness analysis in approximately one second per fiber. Its large touchscreen and intuitive user interface enable data center, service provider, and enterprise operators to efficiently inspect and validate fiber connectivity.



FOCIS Lightning2



FLTNG-01-MPOU



FLTNG-01-MPOA



FLTNG-01-SFA

FOCIS Lightning2 Configurable Kits

Configurable Kits offer full flexibility, letting you choose the adapter tips and accessories that fit your specific inspection needs. Each Kit includes: FOCIS Lightning probe with wrist strap and dust cap, USB data/power cable and charger with country-specific plug, FlexReports-Basic software with 60-day reporting trial, quick reference guide, and Easy Access carry case. FOCIS Lightning2 is available in a 'No Wireless' [NW] variant, which removes the Bluetooth and WiFi functionality for use in RF restricted facilities.

AFL NO.	Contains (ea.)											
	FOCIS Lightning2 Probe	Data/ Power Cable	Bulkhead Adapter Tips					Alignment Sleeves		One-Click Cleaner		
			UPC MPO		APC MPO							
			M12U	MPOU	M12A	MPOA	SFC	MPO-12	MPO-16	MPO-12	MPO-16	
FOCIS-LT2-N	1	1										
FOCIS-LT2-U	1	1	1	1				1	1	1	1	
FOCIS-LT2-A	1	1			1			1		1		
FOCIS-LT2-MUA	1	1		1		1						
FOCIS-LT2-UASFC	1	1		1		1	1					
FOCIS-LT2-NW-N	1	1										
RPTS-UP-KITS-1	**Software:** FlexReports Advanced. For use only at the time of purchase with any kit.											

FOCIS Lightning2 Configurable Kits Order Entry – FOCIS–LT2-[NW]-[K], where:

[NW]	Wireless Option
Absent	Includes wireless
NW	No Wireless

[K]	Kit Type
N	No MPO adapter tips
U	UPC MPO adapter tips
A	APC MPO adapter tips
UA	UPC and APC MPO adapter tips
UASF	UPC and APC MPO adapter tips, single fiber adapter

Kit Type [K]	Contains (ea.)			
	Bulkhead Adapter Tips	Tip ID	MPO Adapters (for patch cords)	One-Click Cleaner
U	MPO-12 (with key)	M12U	MPO-12 opposed	MPO-12
	MPO-12 / MPO-16 (without key)	MPOU	MPO-16 opposed	MPO-16
A	MPO-12 (with key)	M12A	MPO-12 opposed	MPO-12
UA	MPO-12 (with key)	M12U	MPO-12 opposed	MPO-12
	MPO-12 (with key)	M12A		
	MPO-12 / MPO-16 (without key)	MPOU	MPO-12 opposed	MPO-16
UASF	MPO-12 / MPO-16 (without key)	MPOU	MPO-12 opposed.	MPO-12,
	MPO-12 / MPO-16 (without key)	MPOA	MPO-16 opposed	MPO-16,
	Single Fiber Adapter	SFC	N/A	N/A

$250 Minimum Order


1400-01-0172PZ
(example)


6000-00-0034PR


1410-02-0228PZ

FOCIS Lightning®2 / FOCIS Lightning Accessories

AFL NO.	Description	FLTNG2	FLTNG	
1400-01-0172PZ	Easy Access carry case	◆	◆	
1400-05-0230PZ	Wrist strap	◆	◆	
3900-04-0008ME	Battery, 3.6V, NiMH, rechargeable		◆	
3900-06-0005MR	Battery Pack,3.6V, Li-Pol, rechargeable	◆		
4050-00-0034MR	AC charger for FOCIS Lightning2. Select power plug option [PLUG] when ordering. See "FOCIS Lightning2 Configurable Kits", page 24	◆		
4050-00-0931PR	AC charger for FOCIS Lightning. Select power plug option [PLUG] when ordering.		◆	
4050-00-0030USMR	US power plug for AC adapter/ charger	◆	◆	
4050-00-0030UKMR	UK power plug for AC adapter/charger	◆	◆	
4050-00-0030EUMR	EU power plug for AC adapter/charger	◆	◆	
4050-00-0030SAAMR	CN power plug for AC adapter/charger	◆	◆	
6000-00-0036MR	USB-A to USB-C charge and data transfer cable	◆		
6000-00-0031MR	USB – Micro-B cable, 5 pin, 6'		◆	
8800-02-0283MZ	FOCIS Lightning2 replacement dust cap	◆		
8800-02-0083MZ	FOCIS Lightning replacement dust cap		◆	
1400-01-0024MZ	Small tackle box	◆	◆	
6000-00-0034PR	5V USB charging cable (1.5 m), type A to barrel (0.9 X 3.2 X 9 mm)		◆	
MPO Mating Adapters	See section "Mating Adapters for both MMF and SMF testing", page 47			



FLTNG-01-M12A



FLTNG-01-MPOU



FLTNG-01-M12U



FLTNG-01-SFA

FOCIS Lightning2 / FOCIS Lightning Adapter Tips

AFL NO.	Description	Tip ID	
FLTNG-01-M12A	Adapter tip for MPO-12/24 APC bulkhead (with key)	M12A	
FLTNG-01-M12U	Adapter tip for MPO-12/24 UPC bulkhead (with key)	M12U	
FLTNG-01-M16U	Adapter tip for MPO-16/32 UPC bulkhead (with key)	M16U	
FLTNG-01-MPU	Universal adapter tip for MPO-12/16/24/32 UPC bulkhead (partial key)	MPU	
FLTNG-01-MPOA	Adapter tip for MPO-12/16/24/32 APC bulkhead (no key)	MPOA	
FLTNG-01-MPOU	Adapter tip for MPO-12/16/24/32 UPC bulkhead (no key)	MPOU	
FLTNG-01-MAC	Adapter Tip for MPO-12/16/24/32 APC connector (with key)	MAC	
FLTNG-01-MUC	Adapter Tip for MPO-12/16/24/32 UPC connector (with key)	MUC	
FLTNG-01-OPTM	Adapter Tip for OptiTip male (pinned) connector	OPTM	
FLTNG-01-OPTF	Adapter Tip for OptiTip female (unpinned) connector	OPTF	
FLTNG-01-SFA	SFA Coupler for most 'FFLX' single fiber connector adapter tips - FOCIS Lightning only	SFA	
FLTNG2-01-SFC	SFA Coupler for most 'FFLX' single fiber connector adapter tips - FOCIS Lightning2 only	SFC	
FLTNG-01-ALCM	Extended adapter tip for LC/APC bulkhead	ALCM	
FLTNG-01-ULCM	Extended adapter tip for LC/UPC bulkhead	ULCM	
FLTNG-01-MPE	MPO extender barrel	MPE	
FLTNG-01-HSAS	Adapter tip for Q-ODC-12 APC pinned (male) hardened connectors	HSAS	
FLTNG-01-HSAP	Adapter tip for Q-ODC-12 APC unpinned (female) hardened connectors	HSAP	
FLTNG2-01-LVU	Adapter tip for Large Field of View – UPC MPO - FOCIS Lightning2 only	RU	
FLTNG-01-MMCA	Adapter tip for MMC APC connector patchcords	MMCA	
FLTNG-01-MMCE	Adapter tip for MMC APC bulkhead	MMCE	

$250 Minimum Order

FIBER OPTIC CLEANING

One-Click® Cleaners

U.S. Patent Numbers 7,212,719 and 8,087,118

AFL NO.	Description	Number of Cleans	QTY		
8500-05-0001MZ	One-Click Cleaner SC, ST, FC	500+	1		
8500-05-0002MZ	One-Click Cleaner MU/LC	500+	1		
8500-05-0004MZ	One-Click Cleaner ODC, outdoor connector	500+	1		
8500-05-0005MZ	One-Click Cleaner Mini-100 SC, ST, FC	100+	1		
8500-05-0006MZ	One-Click Mini-100 MU/LC	100+	1		
8500-05-0009MZ	One-Click Cleaner Mini-500 SC, ST, FC	500+	1		
8500-05-0010MZ	One-Click Cleaner Mini-500 MU/LC	500+	1		
8500-05-0007MZ	One-Click Ultra Cleaner 2.5 (enlarged cleaning) SC, ST, FC	2 x 500+	1		
8500-05-0008MZ	One-Click Cleaner D-LC, Duplex LC	500+	1		
8500-05-0030MZ	One-Click Cleaner MPO	500+	1		
8500-05-0013MZ	One-Click Cleaner MPO-16	500+	1		
8500-05-0014MZ	One-Click Cleaner M20, 2.0 mm ferrule	500+	1		
8500-05-0015MZ	One-Click Cleaner CS, MDC Duplex	500+	1		
8500-05-0016MZ	One-Click Cleaner SN Duplex	500+	1		
8500-05-0018MZ	One-Click Cleaner HOC, Hardened Optic Connectors	500+	1		
8500-05-PRO-SC	One-Click Cleaner SC PRO	775+	1		
8500-05-PRO-LC	One-Click Cleaner LC PRO	775+	1		
8500-05-MMC16	One-Click Cleaner MMC for MMC-16 Connectors	500+	1		
8500-05-MMC24	One-Click Cleaner MMC for MMC-24 Connectors	500+	1		
8500-05-0021MZ	One-Click Cleaner SC, ST, FC (box of 5 units)	5 x 500+	5		
8500-05-0022MZ	One-Click Cleaner MU/LC (box of 5 units)	5 x 500+	5		
8500-05-0025MZ	One-Click Cleaner Mini-100 SC, ST, FC (box of 5 units)	5 x 500+	5		
8500-05-0026MZ	One-Click Cleaner Mini-100 MU/LC (box of 5 units)	5 x 500+	5		
8500-05-0027MZ	One-Click Ultra Cleaner 2.5 SC, ST, FC (box of 5 units)	5 x 500+	5		
8500-05-0023MZ	One-Click Cleaner MPO-16 (box of 5 units)	5 x 500+	5		

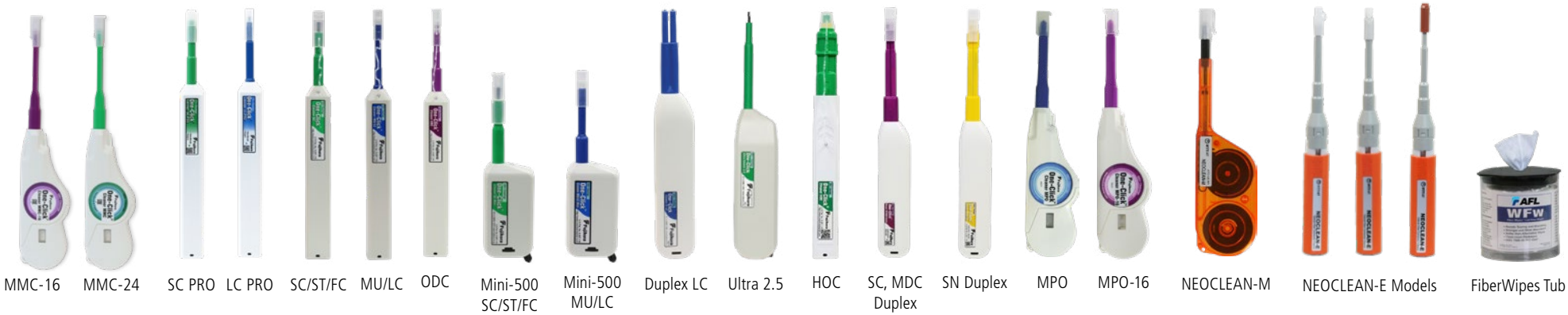
NEOCLEAN Fiber Connector Cleaning Tools

AFL NO.	Description	# Of Cleans		
8500-15-0900MZ	NEOCLEAN-E1 for MU and LC connectors with UPC/APC polishes	750+		
8500-15-0901MZ	NEOCLEAN-E2 for SC and FC connectors with UPC/APC polishes and OptiTap connectors	750+		
8500-15-0902MZ	NEOCLEAN-E3 for SC, ST, FC, E2000 with UPC/APC polishes and OptiTap connectors	750+		
8500-15-0909MZ	NEOCLEAN-M for MPO/MTP® connectors	600+		

Optical Grade Cleaning Wipes

AFL NO.	Description	
9000-03-0025MZ	FiberWipes™ - 90 optical quality wipes per tub, (1 tub)	
9000-03-0026MZ	FiberWipes - 90 optical quality wipes per tub (1 case of 24 tubs)	

$250 Minimum Order





FCP2-10-0900

Field Portable Duffle Bag Cleaning Kits

FCP2 Kits offer a selection of optical cleaning products for field cleaning of connector end-faces in a convenient duffle bag style carry case.

AFL NO.	Contains (1 ea.)	
FCP2-10-0900	FCC2 cleaning fluid, FiberWipes, Cletop-SB, SC and LC One-Click Cleaners, Debris Destroyer, duffle bag	
FCP2-00-0901	FCC2 cleaning fluid, FiberWipes, Cletop-SB, SC and LC One-Clicks Cleaners, Debris Destroyer, MPO One-Click Cleaner, duffle bag	
FCPR-10-0900	**Refill for FCP2-10-0900 Kit** (no duffle bag). Includes FCC2 cleaning fluid, FiberWipes, Cletop-SB, SC and LC One-Clicks, Debris Destroyer.	



FCP3-00-0901

FCP3 Easy-Access Cleaning Kit

AFL NO.	Description	
FCP3-00-0900	**Basic Easy-Access Cleaning Kit.** Includes: • FCC2 Fiber Connector Cleaner And Preparation Fluid (can) • FCC3 Debris Destroyer Fiber Optic Cleaning Pen • CCTS-12 (for 1.25 mm ferrule) and CCTS-25 (for 2.5 mm ferrule) Connector Cleaning Tips • Cletop-SB, White Tape • One-Click Cleaners (SC, LC/MU, Ultra 2.5, MPO/MTP) • Soft Carry Case	

AFL NO.	Description	
FCP3-00-0901	**Enterprise Easy-Access Cleaning Kit.** Includes: • FCC2 Fiber Connector Cleaner And Preparation Fluid (can) • FCC3 Debris Destroyer Fiber Optic Cleaning Pen • CCTS-12 (for 1.25 mm ferrule) and CCTS-25 (for 2.5 mm ferrule) Connector Cleaning Tips • Cletop-SB, White Tape • One-Click Cleaners (Duplex LC, LC/MU, Ultra 2.5, MPO/MTP) • Soft Carry Case	



FCC2 in 3 oz/85 g Can



FCC3 Debris Destroyer



CCT Cleaning Tips

FCC2 Cleaning Fluid and CCT Cleaning Sticks

The FCC2 Enhanced Formula Fiber Optic Cleaning and Preparation Fluid is a non-flammable, environmentally safe, residue-free solvent engineered to easily remove contaminants from fiber optic end-faces and bare fiber. For best results, use CCT cleaning sticks with FCC2 fluid.
CCT Tips are intended for cleaning the ferrule end-faces in adapters and sockets, as well as the exposed ferrules and termini of jumpers.

AFL NO.	Description			
FCC2 Cleaning Fluid				
FCC2-00-0902	Enhanced Formula, (3 oz/85 g) Fiber Connector Cleaner and Preparation Fluid (1 can)			
FCC2-00-0903	Enhanced Formula, (3 oz/85 g) Fiber Connector Cleaner and Preparation Fluid (case of 12 cans)			
FCC3-00-PEN1	Debris Destroyer™ - Fiber Optic Cleaning Pen (1 pen)			
CCT Cleaning Sticks - Double-ended		**Tube Color**	**Sticks QTY**	
CCTP-25-0900MZ	For exposed 2.5 mm, 2.0 mm, 1.6 mm, 1.25 mm ferrules and termini (FC, SC, ST, LC, MU, etc., jumpers, male MIL T 29504/14 for MIL C 28876 and MIL T 29504/04 for MIL C38999).	**Yellow**	20	
CCTS-25-0900MZ	For 2.5 mm ferrule in adapters or sockets (SC, FC, ST, etc. in adapters)	**Blue**	40	
CCTS-12-0900MZ	For 1.25 mm ferrule in adapters or sockets (LC, MU, etc., in adapters)	**Green**	40	
CCTS-16-0900MZ	For MT-RJ connectors and 2.0 mm and 1.6 mm termini in sockets (female MIL T 29504/15 for MIL C 28876 and MIL T 29504/05 for MIL C 38999, MT-RJ both jumpers and adapters)	**Orange**	40	



Cletop –SB

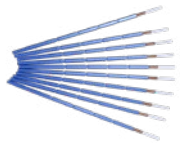

Replacement Tape Type S


Cletop Type A


Cletop Type B


Cletop Type A & B top view


Cletop (ACT) Sticks


8500-20-2250MZ

Cletop Cassette Cleaners

- **Cletop series:** Original version.
- **Cletop-S series:** Second generation cleaner with improved ergonomics and tape maintenance.
- **Type A and -SA:** Designed for single 2.5 mm ferrules (SC, FC, ST, and D4).
- **Type B and -SB:** Cleans SC, SC2, FC, ST, DIN, D4, MU, LC, MT, MPO/MTP without pins, MT-RJ without pins.

AFL NO.	Description	
Cletop –S Series		
8500-10-0020MZ	Cletop-SA with Blue Tape	
8500-10-0029MZ	Cletop-SB with Blue Tape	
8500-10-0016MZ	Cletop-SB with White Tape	
8500-10-0021MZ	Replacement Tape, Type S - Blue	
8500-10-0017MZ	Replacement Tape, Type S - White	
8500-10-0046MZ	Cletop-SB White Tape (box of 5 cleaners, 8500-10-0016MZ)	
8500-10-0047MZ	Replacement Tape, Type S-White (box of 6 tapes, 8500-10-0017MZ)	
8500-10-0041MZ	Replacement Tape, Type S-Blue (box of 6 tapes, 8500-10-0021MZ)	
Cletop Original Series		
8500-10-0027MZ	Cletop Type A with Blue Tape	
8500-10-0011MZ	Cletop Type A with White Tape	
8500-10-0028MZ	Cletop Type B with Blue Tape	
8500-10-0014MZ	Cletop Type B with White Tape	
8500-10-0033MZ	Cletop for MPO/MTP with pins (White Tape)	
8500-10-0012MZ	Replacement Tape, Type A and B – Blue	
8500-10-0015MZ	Replacement Tape, Type A and B – White	
8500-10-0042MZ	Replacement Tape, Type A and B – Blue (box of 6 tapes, 8500-10-0012MZ)	

Cletop (ACT) Cleaning Sticks

AFL NO.	Description	
8500-10-0024MZ	**ACT-01** 2.5 mm single-ended sticks (box of 200 - 40 bags of 5 sticks per bag). For FC, SC, ST, and D4.	
8500-10-0023MZ	**ACT-03** 2.0 mm single-ended sticks (box of 200 - 40 bags of 5 sticks per bag). For Military and High Definition Video (LEMO).	
8500-10-0030MZ	2.0/2.5 mm double-ended sticks (box of 100 - 100 bags of 1 stick per bag). For Military and High Definition Video (LEMO).	

NEOCLEAN Cleaning Sticks

AFL NO.	Description	
8500-20-2125MZ	1.25 mm Cleaning Sticks, 200 sticks (20 packs of 10 sticks)	
8500-20-2250MZ	2.5 mm Cleaning Sticks, 200 sticks (20 packs of 10 sticks)	

$250 Minimum Order

OPTICAL LOSS TESTING

NEW



FlowScout QUAD OLTS

FlowScout® QUAD OLTS Certification Test Set

The FlowScout QUAD OLTS Certification Test Set is a pair of hand-held testers that support native duplex testing of both multimode and single-mode fiber, with an integrated VFL for troubleshooting and fiber identification. Ideal for enterprise LAN and data center environments, the test set provides fast, accurate Tier 1 optical loss certification of duplex fiber links. In addition to Tier 1 certification, it also functions as a standalone optical power meter and light source.

The FlowScout QUAD OLTS incorporates AFL's Wave ID technology, automatically identifying the wavelength(s) transmitted by compatible AFL products using the Wave ID format. Its precision measurement technology delivers highly accurate optical loss measurements for reliable fiber link certification and verification. An intuitive icon-based user interface enables technicians to quickly configure tests, certify fiber links, and document results with minimal training.

FlowScout QUAD OLTS Ordering Information

Each FlowScout QUAD 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			LC	SC	
		USC/ULC	ULC/ULC	USC/ULC	ULC/ULC				
DFLT-KIT-0001MR	1	2	4	2	4	2	1	1	

FlowScout QUAD OLTS Accessories

AFL NO.	Description	
8700-00-0221MR	Cable, ULC-ULC, G657.A1, 2 m, 3 mm jacket	
8700-00-0266MR	Cable, USC-ULC, OM4, 2 m, 3 mm OFNR jacket, violet	
8700-00-0267MR	Cable, ULC-ULC, OM4, 2 m, 3 mm OFNR jacket, violet	
8700-00-0275MR	Cable, USC-ULC, SMF-28 ultra, 2 m, 3 mm OFNR jacket, yellow	
8400-00-0091MR	Adapter, LC/LC duplex	

Additional Test Jumpers

For additional test jumpers, please see section "Test Jumpers", page 47.

Optical Port Savers

For Optical Port Savers, please see section "Optical Port Saver — Field-replaceable Connector Adapter", page 15.

$250 Minimum Order



FlowScout® MPO OLTS



MFLT-MMC-16-CBL



MFLT-MPO-12-CBL-UNP

FlowScout® MPO OLTS Certification 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. It provides significant time savings cutting testing phase in half. FlowScout MPO OLTS streamlines the workflow with fewer steps and enables 16-fiber testing in just 6 seconds per port in a single pass. The test set design is based on a precise and extremely accurate testing technology to ensure correct verification and validation of links. A simple to navigate icon-based user interface allows technicians to quickly set-up, test, validate, and document fiber networks.

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										
		Set of Test Cords and Adapters				Cleaners					
AFL NO.	OPM/OLS Testers	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	◆	◆			◆	◆	◆			◆	

FlowScout MPO OLTS Cable Kits

FlowScout MPO OLTS cable kits contain replacement test cords for MPO and MMC cabling testing.

		Set of Test Cords for Testing the Following Links					
AFL NO.	Description	MMC-16 Pinned Links	MPO-8/-12 Unpinned Links	MPO-8/-12 Pinned Links	MPO-16 Unpinned Links	MPO-16 Pinned Links	
MFLT-MMC-16-CBL	MMC-16 test cords for MPO OLTS kit	◆					
MFLT-MPO-12-CBL	MPO-8/-12 test cords for MPO OLTS kit		◆	◆	◆		
MFLT-MPO-12-CBL-UNP	MPO-8/-12 test cords for MPO OLTS kit: unpinned cable under test		◆				
MFLT-MPO-12-CBL-PIN	MPO-8/-12 test cords for MPO OLTS kit: Pinned cable under test			◆			
MFLT-MPO-16-CBL	MPO-16 test cords for MPO OLTS kit				◆	◆	

FlowScout MPO OLTS Accessories

AFL NO.	Description	
6000-00-0037MR	Cable,USB,USB-A to USB-C, USB 2.0, 1.5A,1 m	
8700-00-0220MR	Cable,ASC-ULC, G657.A1, 2 m, 3 mm jacket	
8700-00-0221MR	Cable,ULC-ULC,G657.A1, 2 m, 3 mm jacket	
8400-00-0091MR	Adapter, LC/LC duplex	
8400-00-0111MR	MPO adapter, shutter	
4050-00-0034MR	AC charger, 90-264VAC, USB 5V 2.5A, accepts interchangeable power plugs	
4050-00-0030USMR	US power plug for AC charger	
4050-00-0030UKMR	UK power plug for AC charger	
4050-00-0030EUMR	EU power plug for AC charger	
4050-00-0030SAAMR	CN power plug for AC charger	
8400-00-0094MR	MPO/MTP, bulkhead connector, key-up/key-down (opposed notch)	
8400-00-0105PR	MPO-16, bulkhead connector, key-up/key-up (aligned notch)	
8400-00-0113MR	MMC/MMC, bulkhead connector, single port	

FlowScout MPO OLTS Test Cords Configurations

Launch, Receive, and Conversion Test Cords are available (see table below for configurations).

- Cables under test require Launch, Receive, and Conversion test cords for testing, except the MPO-16 pinned cables under test which do not require a Conversion cord.
- Type A or Type B test cords can be used for testing Type A, B or C cables under test.
- Contact technical support for assistance.

Cable Under Test Polarity	Launch Test Cord		Receive Test Cord		Conversion Test Cord	
	AFL NO.	Description	AFL NO.	Description	AFL NO.	Description
MMC-16 Pinned Cable Under Test						
Type A	**8700-00-0224MR**	MTP16 (female) - MMC16 (female), ELITE SM, type A, 2 m, yellow	**8700-00-0225MR**	MMC16 (female) - MMC16 (female), ELITE SM, type A, 2 m, yellow	**8700-00-0238MR**	MTP16 (female) - MMC16 (male), large core, ELITE MTP, type A, 15 cm, blue
Type B	**8700-00-0259MR**	MTP16 (female) - MMC16 (female), ELITE MTP, type B, 2 m, yellow	**8700-00-0239MR**	MMC16 (male) - MMC16 (male), ELITE, type B, 2 m, yellow		
MPO-16 Pinned Cable Under Test						
Type A	**8700-00-0228MR**	MTP16 (female) - MTP16 (female), ELITE MTP, type A, 2 m, yellow	**8700-00-0228MR**	MTP16 (female) - MTP16 (female), ELITE MTP, type A, 2 m, yellow	**N/A**	
Type B	**8700-00-0253MR**	MTP16 (female) - MTP16 (female), ELITE MTP, type B,2 m, yellow	**8700-00-0253MR**	MTP16 (female) - MTP16 (female), ELITE MTP, type B,2 m, yellow		
MPO-16 Unpinned Cable Under Test						
Type A	**8700-00-0229MR**	MTP16 (female) - MTP16 (male), ELITE MTP, type A, 2 m, yellow	**8700-00-0230MR**	MTP16 (male) - MTP16 (male), ELITE MTP, type A, 2 m, yellow	**8700-00-0243MR**	MTP16 (female) - MTP16 (female), large core, type A, 15 cm, blue
Type B	**8700-00-0263MR**	MTP16 (female) - MTP16 (male), ELITE MTP, type B, 2 m, yellow	**8700-00-0254MR**	MTP16 (male) - MTP16 (male), ELITE MTP, type B, 2 m, yellow		
MPO-12 Pinned Cable Under Test						
Type A	**8700-00-0231MR**	MTP16 (female) - MTP12 (female), ELITE MTP, type A, 2 m, yellow	**8700-00-0233MR**	MTP12 (female) - MTP12 (female), ELITE MTP, type A, 2 m, yellow	**8700-00-0244MR**	MTP16 (female) - MTP12 (male), large core, type A,15 cm, blue
Type B	**8700-00-0255MR**	MTP16 (female) - MTP12 (female), ELITE MTP, type B, 2 m, yellow	**8700-00-0257MR**	MTP12 (female) - MTP12 (female), ELITE MTP, type B, 2 m, yellow		
MPO-12 Unpinned Cable Under Test						
Type A	**8700-00-0232MR**	MTP16 (female) - MTP12 (male), ELITE MTP, type A, 2 m, yellow	**8700-00-0234MR**	MTP12 (male)-MTP12 (male), ELITE MTP, type A, 2 m, yellow	**8700-00-0245MR**	MTP16 (female) - MTP12 (female), large core, type A, 15 cm, blue
Type B	**8700-00-0256MR**	MTP16 (female) - MTP12 (male), ELITE MTP, type B, 2 m, yellow	**8700-00-0258MR**	MTP12 (male)-MTP12 (male), ELITE MTP, type B, 2 m, yellow		

Notes:

a. All cables under test require Launch, Receive and Conversion test cords for testing, with the exception of MPO-16 pinned cables under test which do not require a Conversion cord.
b. Type A or Type B test cords can be used for testing Type A, B or C cables under test.
c. Contact technical support for assistance.



FlowScout® SE100 Single-Ended Test Set

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 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 kit includes the FlowScout SE100 test set, SC/APC to SC/APC patch cord to connect to the network under test, reference 1430 nm Wavelength Optical Reflector, wrist strap, and Quick Reference Guide in a convenient soft carry case.

AFL NO.	Description			
SE100-00-0901PR	FlowScout SE100 Single-Ended Test Set Kit	Wavelength	1430 and 1550 nm	
		Measurement Range	>10 dB one-way fiber loss (ORL ≥25 dB @1550 nm); >6 dB one-way fiber loss (ORL ≤15 dB @1550 nm)	
		Detection Range	Reflector detected / not detected up to 20 km (18 mi) with optical loss ≤9 dB at 1430 & 1550 nm and 1550 nm ORL ≥25 dB	



FlowScout SE100 Accessories

AFL NO.	Description	
Accessories Included with SE100-00-0901PR Kit		
8700-03-1430MZ	1430 nm Wavelength Optical Reflector, SC/APC, female-to-male, plug type	
8800-00-0072PR	Universal flip-top dust cap for UCI outputs	
8700-00-0218MR	Single-mode test jumper, SC/APC to SC/APC, conical ferrule, 2 m, 3 mm jacketed	
1400-05-0230PZ	Wrist strap	
1400-01-0107MZ	Soft carry case with strap	
Additional Optional Accessories		
6000-00-0031MR	USB – Micro-B cable, 5 pin, 6 ft	
4050-00-0034MR	AC charger. **AFL ships one power plug (of customer choice) along with the order. Please select one out of the four plugs listed below.** • 4050-00-0030EUMR EU power plug for AC charger • 4050-00-0030USMR US power plug for AC charger • 4050-00-0030SAAMR CN/AUS power plug for AC charger • 4050-00-0030UKMR UK power plug for AC charger	
2900-50-0011MR	SC/APC adapter for optical port	
2900-58-0001MR	FlowScout SE100-facing APC female to APC male field-replaceable Port Saver, SMF	
8500-05-0009MZ	One-Click Cleaner Mini-500 SC, ST, FC; 500+ cleans	



1430 nm Wavelength Optical Reflector

AFL's 1430 nm Wavelength Optical Reflector is used in conjunction with test devices, such as AFL's FlowScout SE100 continuity and insertion loss test set. It uses Fiber Bragg Grating technology to support testing over the wavelength range around 1430 nm. With the reflector used at one end of a fiber under test, a technician can verify fiber continuity and measure insertion loss to the reflector using the FlowScout SE100.

AFL NO.	Description	
Accessories Included with SE100-00-0901PR Kit		
8700-03-1430MZ	1430 nm Wavelength Optical Reflector, SC/APC, female-to-male, plug type	

$250 Minimum Order



FlowScout® DPPM Downstream PON Power Meter

AFL's FlowScout Downstream PON Power Meter (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 kit includes rechargeable batteries, SC/APC adapter cap, USB-A to USB-C cable for charging and data transfer, AC plug, and carry case.

AFL NO.	Description	
DPPM-100-0902PR	Includes: DPPM, SC/APC connector adapter, AC charger, FlexReports Basic, and soft carry case	
Included Accessories		
2900-63-0011MR	SC adapter port for FlowScout DPPM	
8800-02-0087MZ	FlowScout OPM8 and DPPM Dust Cap	
4050-00-0036MR	AC charger, USB-A, 90-264VAC, 5V 2.5A. Comes with interchangeable US, UK, EU, and CN/AUS power plugs for AC charger.	
6000-00-0036MR	USB-A to USB-C charge and data transfer cable	
1400-01-0107MZ	Soft carry case with strap	

FlowScout DPPM Accessories

AFL NO.	Description	
2900-63-0010MR	FC adapter port for FlowScout DPPM and OLS8	
2900-63-0011MR	SC adapter port for FlowScout DPPM	
2900-63-0009MR	ST adapter port for FlowScout DPPM and OLS8	
2900-63-0008MR	LC adapter port for FlowScout DPPM and OLS8	
8800-02-0087MZ	FlowScout DPPM and OLS8 Dust Cap	
1400-05-0230PZ	Wrist strap	
8700-00-0090MR	SC/APC to SC/APC single-mode test jumper, 2 m	
4050-00-0036MR	AC charger, USB-A, 90-264VAC, 5V 2.5A. Comes with interchangeable US, UK, EU, and CN/AUS power plugs for AC charger.	
6000-00-0036MR	USB-A to USB-C charge and data transfer cable	
8500-05-0009MZ	One-Click Cleaner Mini-500 SC, ST, FC, 500+ cleans	
1400-01-0107MZ	Soft carry case with strap	





FlowScout® Through-Mode PON Power Meter

FlowScout Through-Mode PON power meter is designed to meet the demands of the outside plant environment. It easily withstands the one-meter drop test and has splash-resistant controls that are easy to use, even with gloves on. A range of field-swappable output adapters supports multiple connector styles and enables access for easy cleaning. The efficient design provides a long test time from rechargeable Li-Polymer battery. The File Management system allows technicians to organize test results into multiple files and transfer stored results via USB to a PC for analyzing, generating reports, and printing. The QR code feature can easily collect and transfer test data via any smart device. Fully N.I.S.T. traceable.

All models include PON optical power meter, rechargeable batteries, SC/APC adapter cap, two SC/APC-SC/APC jumpers, USB-A to USB-C cable for charging and data transfer, AC plug, and carry case.

AFL NO.	Description						
TPPM-XG	FlowScout Through-Mode PON Power Meter XGPON/XGSPON	Upstream	Wavelength	1270 nm	1310 nm		
			Measurement Range	-30 to +13 dBm	-30 to +13 dBm		
		Downstream	Wavelength	1490 nm	1550 nm	1577 nm	
			Measurement Range	-50 to +13 dBm	-35 to +26 dBm	-50 to +17 dBm	

FlowScout Included Accessories

AFL NO.	Description	
8700-00-0090MR	SC/APC to SC/APC single-mode test jumper, 2 m	
6000-00-0036MR	USB-A to USB-C charge and data transfer cable	
8500-05-0009MZ	One-Click Cleaner Mini-500 SC, ST, FC; 500+ cleans	
4050-00-0034MR	AC charger, 90-264VAC, USB 5V 2.5A, accepts interchangeable power plugs	
AFL ships one power plug (of customer choice) along with the order. Please select one out of the four plugs listed below.		
4050-00-0030EUMR	EU power plug for AC charger	
4050-00-0030USMR	US power plug for AC charger	
4050-00-0030SAAMR	CN/AUS power plug for AC charger	
4050-00-0030UKMR	UK power plug for AC charger	

$250 Minimum Order

FlowScout® OPM8 Optical Power Meters



The FlowScout OPM8 optical power meter represents the next generation of smart optical power meters. Built from 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.

Intuitive operation: With a simple-to-use interface based on a color touchscreen, fiber technicians can quickly set up, test, validate, and document the installed fiber plant, as well as provide power measurements. The FlowScout OPM8 measures power levels and automatically evaluates them against user-set min/max limits. The large color touchscreen displays detected power levels with color-coded pass/fail indications.

Wave ID for reduced test time and errors: When used with a Wave ID light source, such as the FlowScout OLS8, the power meter automatically synchronizes to source wavelengths, reducing test time and eliminating wavelength setting errors. The broadband power meter also automatically detects and reports the presence of 270 Hz, 330 Hz, 1 kHz, and 2 kHz fiber identifying tones.

Full reporting capability: Project setup, measured power levels, pass/fail limits and status can be stored in internal memory for download via USB to FlexReporter®.

Versatile and efficient: Rugged, ergonomic, and backed by an industry-best 5-year warranty.

All Models Key Features:.

- All models feature project setup and save, and pass/fail analysis
- Measurement units: insertion loss in dB; power measurements in dBm
- Multiple test tone detection for fibre identification: 270 Hz, 330 Hz, 1 kHz, and 2 kHz tone
- For a list of all available adapter caps, see page "FlowScout OPM8 and OLS8 Adapter Caps", page 37.

Model	AFL NO. [a,b]	Calibrated Wavelengths (nm)										Detector Type	Measurement Range (dBm)		
		850	980	1270	1300	1310	1490	1550	1577	1610	1625				
OPM8-L	**OPM8-SP3-[Kit]**	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	InGaAs	+10 to -70		
OPM8-H	**OPM8-SP4-[Kit]**	◆	◆	◆	◆	◆	◆	◆	◆	◆	◆	InGaAs	+26 to -50		

FlowScout OPM8 Kit Configuration - [KIT]

[KIT]	OPM8 Kit Configuration / Kit Contents
BAS [c]	Includes: OPM8, 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. FlowScout OPM8 is equipped with a 2.5 mm universal adapter. Additional OPM8 adapters may be ordered separately.

b. FlowScout OPM8 optical power meters use a common calibration point for 1300 nm (multimode) and 1310 nm (single-mode).

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

FlowScout OPM8 Included Accessories

AFL NO.	Description	
4050-00-0038MR	AC charger, USB-A, 90-264 VAC, 5V 2.5A. Comes with interchangeable US, UK, EU, and CN/AUS power plugs for AC charger & USB-A to USB-C charge and data transfer cable.	
8700-02-0087MZ	FlowScout OLS8 dust cap	

FlowScout® OLS8 Optical Light Sources



AFL's 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.

Wave ID for reduced test time and errors: 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.

Multiple options available: Single-mode dual (1310/1550 nm), QUAD (850/1300 and 1310/1550 nm) and FTTx (1310/1490/1550 nm).

Model	AFL NO.	Output Wavelengths (nm)					Output Ports	Emitter Type[a]	Output Power (nominal, dBm)	Stability	
		850	1300	1310	1490	1550					
OLS8-SM Dual	**OLS8-SL2-BAS**			◆		◆	1	Laser	-1	± 0.05 dB/1 hr	
OLS8-QUAD	**OLS8-SL4-BAS**	◆	◆	◆		◆	2	LED Laser	-20 @850 &1300 nm -1 @1310 & 1550 nm	± 0.05 dB/1 hr	
OLS8-SM XGS	**OLS8-SL7-BAS**			◆	◆	◆	1	Laser	-1	± 0.05 dB/1 hr	

Notes:

All Laser output powers are specified into 9/125 µm single-mode fiber.

a. Safety: Class I FDA 21 CFR 1040.10 and 1040.11, IEC 60825-1: 2014.

FlowScout OLS8 Included Accessories

AFL NO.	Description	
4050-00-0038MR	AC charger, USB-A, 90-264 VAC, 5V 2.5A. Comes with interchangeable US, UK, EU, and CN/AUS power plugs for AC charger & USB-A to USB-C charge and data transfer cable.	
8700-02-0087MZ	FlowScout OLS8 dust cap	

"Encircled Flux (EF) Reference Grade Test Cords", page 38



FlowScout® OLS8 and OPM8 Optical Loss Test Kits

- All SLP8/SMLP8 test kits include an optical power meter, optical light source, adapter cap, quick reference guide, and carry case.
- All OPM8 models are equipped with 2.5 mm universal adapter caps. If additional caps are required, they can be ordered separately, see "FlowScout OPM8 and OLS8 Adapter Caps", page 37.
- All OLS8 models are equipped with SC adapter caps. If additional caps are required, they can be ordered separately, see "FlowScout OPM8 and OLS8 Adapter Caps", page 37.
- For Encircled Flux Options for multimode testing see "Encircled Flux (EF) Reference Grade Test Cords", page 38.

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 single-mode fiber.

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

FlowScout OPM8 and OLS8 Adapter Caps

AFL NO.	Connector Adapter Type	Usage Test Port Usage
2900-63-0002MR	2.5 mm Universal	OPM8
2900-63-0001MR	1.25 mm Universal	
2900-63-0003MR	SC	
2900-63-0006MR	FC	
2900-63-0005MR	ST®	
2900-63-0004MR	LC simplex	
2900-63-0007MR	SC	OLS8
2900-63-0010MR	FC	
2900-63-0009MR	ST®	
2900-63-0008MR	LC simplex	

5-YEAR WARRANTY



OLS1-DUAL



OLS2-DUAL


CSS-SM

LED and Laser Light Sources (OLS and CSS1 Series)

For Encircled Flux Options for multimode testing see "Encircled Flux (EF) Reference Grade Test Cords", page 38 . AC supplies are available (ordered separately), see table below.

Model	AFL NO.	Connector	Output Wavelengths (nm)				Output Ports	Emitter Type[a]	Output Power (nominal, dBm)	Stability	Wave ID Transmit	Power	
			850	1300	1310	1550							
OLS1-Dual	LS1D-30-0900PR	ST	◆	◆			1	LED	-20	± 0.1 dB/8 hrs	◆	(2) AA, AC	
	LS1D-30-0901PR	SC											
	LS1D-30-0903PR	FC											
	LS1D-30-0904PR	LC											
OLS2-Dual	LS2D-20-0900PR	FC			◆	◆	1	Laser	0[b]	± 0.05 dB/1 hr	◆	(2) AA, AC	
	LS2D-20-0902PR	ST											
	LS2D-20-0904PR	SC											
	LS2D-20-0906PR	LC											
CSS1-MM	CSS1-01-0902PR	SC	◆	◆			1	LED	-20	± 0.1 dB/1 hr		(2) AA	
CSS1-SM	CSS1-10-0901PR	FC			◆	◆	1	Laser	0	± 0.05 dB/1 hr		(2) AA	
	CSS1-10-0902PR	SC											
	CSS1-10-0903PR	LC											
	CSS1-10-0904PR	ST											

Notes:

All Laser output powers are specified into 9/125 µm single-mode fiber.

a. Safety: Class I FDA 21 CFR 1040.10 and 1040.11, IEC 60825-1: 2007-03.
b. Adjustable 2 dB.

OLS1-Dual/OLS2-Dual AC Power Supply

AFL NO.	Description	
4050-00-0919PR	100-240 VAC to 9 VDC, (specify power cord, see page 50, Table 2)	

OLS/CSS Adapter Caps

AFL NO.	Description	OLS1-Dual, OLS2-Dual	CSS1-SM	
2900-50-0002MR	FC adapter	◆	◆	
2900-50-0003MR	SC adapter	◆	◆	
2900-50-0004MR	ST adapter	◆	◆	
2900-50-0006MR	LC adapter	◆	◆	
8800-00-0072PR	Universal flip-top dust cap for UCI outputs	◆		

Encircled Flux (EF) Reference Grade Test Cords

Encircled Flux (EF) requirements (IEC 61280-1-4 and TIA-568-14-B) specify multimode launch conditions at the end of an EF qualified Reference Grade Test Cord (RGTC). Thus, compliance to EF standards requires both, a light source with EF compliant optics and a RGTC. AFL offers RGTCs with a range of connector options. RGTCs are qualified in one direction and marked accordingly (input/output). AFL Reference Grade Test Cords use 50 µm OM4 fiber, red jacketing, and come in 2-meter length. Red jacketing used to distinguish RGTCs from standard multimode fiber jumpers.

AFL NO.	Connectors	
8700-04-0002MR	FC to SC	
8700-04-0003MR	FC to LC	
8700-04-0004MR	FC to ST	
8700-04-0005MR	SC to FC	
8700-04-0006MR	SC to SC	
8700-04-0007MR	SC to LC	
8700-04-0008MR	SC to ST	
8700-04-0028MR	LC to LC	

$250 Minimum Order

5-YEAR WARRANTY



OPM4



OPM5



CSM1

Optical Power Meters (OPM4/5 and CSM1 Series)

All Models Key Features:

- All models feature 'Set Reference' functionality.
- Measurement units: insertion loss in dB; power measurements in dBm, µW.
- Multiple test tone detection for fiber identification: 270 Hz, 330 Hz, 1 kHz, and 2 kHz tone.
- Standard thread-on adapter caps are used to mate non-angled and angled single-fiber and dual-fiber connectors to optical ports on OPM/CSM.
- OPM5 models include TRM® 3 PC Reporting software (Basic License).

Model	AFL Number[a]	Calibrated Wavelengths (nm)							Detector Type	Measurement Range (dBm)	Power	Wave ID	
		850	980	1300	1310[b]	1490	1550	1625					
OPM4-2D	OPM4-32-0900PR	◆		◆	◆	◆	◆		Germanium	+6 to -60	(2) AA, USB	◆	
OPM4-3D	OPM4-33-0900PR	◆		◆	◆	◆	◆	◆	InGaAs	+10 to -75	(2) AA, USB	◆	
OPM5-4D	OPM5-34-0900PR	◆	◆	◆	◆	◆	◆	◆	InGaAs	+26 to -50	(2) AA, USB	◆	
CSM1-3	CSM1-03-0900PR	◆		◆	◆	◆	◆	◆	InGaAs	+6 to -70	(2) AA		
CSM1-4	CSM1-04-0900PR	◆	◆	◆	◆	◆	◆	◆	InGaAs	+26 to -50	(2) AA		

Adapter Caps for OPM4/5 & CSM1 Optical Power Meters

AFL NO.	Description	
8800-00-0214	2.5 mm Universal (accepts FC, SC, and ST ferrules)	
8800-00-0224	1.25 mm Universal (accepts LC and MU ferrules)	
8800-00-0200	FC	
8800-00-0209	SC	

AFL NO.	Description	
8800-00-0202	ST®	
8800-00-0225	LC simplex only	
8800-00-0221	E2000	
8800-00-0203	SMA	

OPM4/5 Accessories

AFL NO.	Description	OPM4D	OPM5D	
6000-00-0024MR	USB Cable: PC (USB-A) to OPM (USB-MINI B) **Note:** OPM/OLS don't charge any rechargeable batteries!	External power only	Connect to PC for data upload to TRM® 3 and external power	

Optical Loss Test Kits, CK Series

5-YEAR WARRANTY



CKSM-2

- All models feature 'Set Reference' functionality. For Encircled Flux Options for multimode testing see "Encircled Flux (EF) Reference Grade Test Cords", page 38.
- Specify one source/adapter cap connector type when ordering. All test kits include an optical power meter, optical light source, adapter cap, user's guide, and carry case.
- Additional adapter caps may be ordered separately (see page 39). For available AC chargers see page 38.

AFL NO.	Model	Connector	Power Meter	Light Source	Fiber Type	Loss Measurements (nm)				Dynamic Range (dB)	
						850	1300	1310	1550		
CKM2-00-0902PR	CKM-2	SC	CSM1-3	CSS1-MM	MM	◆	◆			40[b]	
CKS3-00-0901PR	CKS-3	FC	CSM1-3	CSS1-SM	SM			◆	◆	70 @1310/1550 nm	
CKS3-00-0902PR		SC									
CKD2-00-0902PR	CKSM-2	SC | SC	CSM1-3	CSS1-MM..| CSS1-SM	MM | SM	◆	◆	◆	◆	40 @850/1300 nm[b] | 60 @1310/1550 nm[c]	

Notes:

a. Specify Adapter Cap option at time of ordering: 2.5 mm, 1.25 mm, FC, ST, SC, or LC. One per order!

b. On 62.5/125 µm multimode fiber.

c. On 9/125 µm single-mode fiber.

$250 Minimum Order

FIBER IDENTIFICATION



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.

MFT Multi-Fiber Tracer	Wavelength	Output Power	Connector Type	Power
MFT	1550 nm ±20 nm	+3 dBm ±1 dB peak into 9/125 µm fiber	MTP®/MPO/APC (unpinned) 12-fiber	2 X AA

MFI Multi-Fiber Identifier	Calibrated Fiber Size and Wavelength	Data Detection Range	Working Fiber Size	Power
MFI	250 µm @1550 nm (SMF-28/28E) ribbon fiber	+2 to -35 dBm	250 µm ribbon fiber	2 X AAA

MFP Multi-Fiber Power Meter	Calibrated Wavelength	Tone Detection	Measurement Range	Power
MFP	Fiber ID mode: 1550 nm OPM mode: 850, 1300, 1310, 1490, 1550, 1625 nm	270 Hz, 330 Hz, 1 kHz, 2 kHz	Fiber ID mode: +10 to -35 dBm OPM mode: +10 to -75 dBm	2 X AA



MFT Multi-Fiber Tracer



MFI Multi-Fiber Identifier



MFP Multi-Fiber Power Meter

MFIS Ordering

AFL NO.	Includes						
	Multi-Fiber Tester			Accessories		Soft Carry Case	
	MFT Tracer	MFI Identifier	MFP Power Meter	12-fiber Cable	One-Clicks		
MFTI-12-BAS	◆	◆		◆	◆	◆	
MFTP1-12-BAS	◆		◆	◆	◆	◆	
MFTIP1-12-BAS	◆	◆	◆	◆	◆	◆	
MFI1-00-0900MR		◆					
MFP1-12-0900MR			◆				

MFIS Kits Order Entry: MFTI-12-BAS-[C] MFTP1-12-BAS-[C] MFTIP1-12-BAS-[C]

[C]	Cable type
ASC	MPO to 12-fiber SC/APC fan-out cable, One-Click Cleaner MPO, One-Click Cleaner Mini-100 SC, ST, FC
USC	MPO to 12-fiber SC/UPC fan-out cable, One-Click Cleaner MPO, One-Click Cleaner Mini-100 SC, ST, FC
ULC	MPO to 12-fiber LC/UPC fan-out cable, One-Click Cleaner MPO, One-Click Cleaner Mini-100 LC/MU

MFIS Accessories

AFL NO.	Description	
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)	

$250 Minimum Order



OFI-BIPM



OFI-BIPMe

OFI-BIPM & OFI-BIPMe Optical Fiber Identifiers

OFI-BIPM - Only available to customers in North America, Central America and the Caribbean, China, Vietnam, and Malaysia!

The OFI-BIPM/-BIPMe optical fiber identifier is an easy-to-use tool that determines if a fiber is live, the transmission direction, and the relative core power on standard and bend-insensitive single-mode and multimode fibers. Its positive-stop trigger mechanism provides the right amount of pressure every time to assure proper detection, while keeping loss to a minimum. This ensures that traffic will not be interrupted and the fiber will not be damaged. Our full featured OFI-BIPM/-BIPMe includes a touch screen, an integrated optical power meter, and several easy-to-select options. The OFI-BIPM/-BIPMe includes carry case, batteries, and user's guide.

Model	Fiber Type	Wavelength Range	Power	Detectable Signals	
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	900-1700 nm	(2) AA	CW, Traffic or 270 Hz ,1 kHz, 2 kHz	
OFI-BIPMe		900-1700 nm	(2) AA	CW, Traffic or 270 Hz, 330 Hz, 1 kHz, 2 kH	

OFI-BIPM/-BIPMe Power Meter Port Adapters

AFL NO.	Adapter Type	Test Port	
BIPM-00-FC	FC	OPM (power meter)	
BIPM-00-SC	SC	OPM (power meter)	
BIPM-00-ST	ST	OPM (power meter)	
BIPM-00-LC	LC	OPM (power meter)	
BIPM-00-25	2.5 Universal	OPM (power meter)	



OFI-200D



OFI-400

OFI-200D and OFI-400 Optical Fiber Identifiers

All OFI models include carry case, batteries, and user's guide.

AFL NO.	Model	Fiber Coating Type (recommended)	Wavelength Range (nm)	Insertion Loss (dB) @		Power	Tone (Hz)				Traffic Direction	
				1310 (nm)	1550 (nm)		270	330	1000	2000		
OFI1-11-0900PR	OFI-200D	250 µm, 900 µm, ribbon, 2 mm or 3 mm	800 - 1700	0.6	2.5	9V				◆	◆	
OFI4-00-0900PR	OFI-400		800 - 1700	0.6	2.5	(2) AAA	◆	◆	◆	◆	◆	
OFI4-01-0900PR	OFI-400C	2 mm or 3 mm jacketed	800 - 1700	1.0	2.8	(2) AAA	◆	◆	◆	◆	◆	
OFI4-02-0900PR	OFI-400HP	2 mm or 3 mm jacketed	800 - 1700	0.2 to 0.5	0.8 to 1.3	(2) AAA	◆	◆	◆	◆	◆	

OFI-200D and OFI-400 Accessories

AFL NO.	Test Port	
OFI1-10-0102PR	OFI 200D and OFI-400 plunger, head	
OFI1-10-0216PR	OFI 200D and OFI-400 plunger cover	

$250 Minimum Order



VFI4



VFI4-L

VFI4 Visual Fault Identifiers

Now a low power version is also available!

AFL's compact VFI4 injects high-powered red-laser light to provide exceptional brightness and range for locating defects in single-mode and multimode fibers. During installation and activation, the VFI4 is used for quick continuity checks, fiber tracing, splice verification, and Pass/Fail validation for mechanical connectors. The VFI4 is also an essential troubleshooting tool to find sharp bends, breaks, faulty connectors, and other defects that "leak" light - enabling technicians to quickly spot them. The rugged VFI4 is designed for the rigors of real-life field testing. It has a range of up to 10 km, fits on a key-chain, and features extensions that protect the red-laser port. It has both CW and pulsating modes and is powered by a single AA battery for up to 30 hours of operation for VFI4 model and up to 50 hours for VFI4-L model.

Model	Wavelength	Output Power (into single-mode fiber)	Emitter Type	Connector Type	Power
VFI4	650 nm	5 mW, 2 Hz, CW	Laser[a]	Universal 2.5 mm; 1.25 mm	1 x AA
VFI4-L	650 nm	1 mW, 2 Hz, CW	Laser[b]	Universal 2.5 mm; Optional 1.25 mm	1 x AA

Notes:

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.

AFL NO.	Description	
VFI4-01-0900PR	VFI4 with 2.5 mm and 1.25 mm adapters	
VFI4-02-0900PR	VFI4-L, with 2.5 mm adapter	

VFI4 Accessories

The VFI4 uses one-piece thread-on adapters with a captivated alignment sleeve. For replacements, use part numbers 2900-50-0013MR and 2900-50-0012MR.

AFL NO.	Description	
2900-50-0013MR	2.5 mm Universal adapter for VFI port	
2900-50-0012MR	1.25 mm Universal adapter for VFI port	


MT Tracer Kit

MT Tracer (12-fiber VFI and Display)

The MT Tracer Kit includes an MT Tracer Source, MT Tracer Display, and carry case. The MT Tracer Source, which may be used as a multifiber Visual Fault Identifiers provides 12 separately controlled visible lasers. The MT Tracer Display uses passive optics to show the light received on each fiber being traced. The MT Tracer can illuminate a selected fiber or automatically sequence through all 12 fibers. When used together, the MT Tracer Source and Display provide a fast way to trace (verify connectivity) a 12-fiber link. Both Source and Display are equipped with male (pinned) 12-fiber MTP® connectors.

Model	Wavelength	Output Power (into SMF)	Emitter Type*	Connector Type	Power
MT Tracer Source	650 nm	1 mW, 2 Hz or CW	Laser	MTP®	2 AA (40 hours)

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

AFL NO.	Model	Description	
TRCR-90-0900	MT Tracer Kit	MT Tracer Source, MT Tracer Display, and carry case	
TRCR-20-0900	MT Tracer Source	MT Tracer Source	
TRCR-10-0900	MT Tracer Display	Provides eye-safe viewing of visible light	

NEW



MT Tracer-16 Source



MT Tracer-16 Display



MT Tracer-16 Source & Display

MT Tracer-16

AFL has expanded the multi-fiber VFL product family with the introduction of the MT Tracer-16. Multiple kits are available, which can include an MT Tracer-16 Source, MT Tracer Displays, and carry case. The MT Tracer-16 Source, which may be used as a multifiber Visual Fault Identifier, provides 16 separately controlled visible lasers. The MT Tracer Display uses passive optics to show the light received on each fiber being traced.

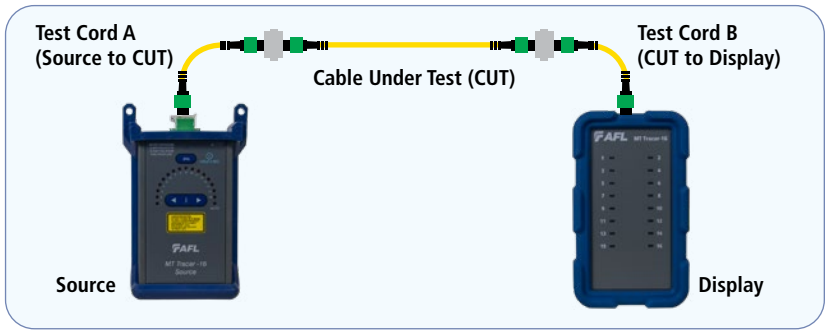
The MT Tracer-16 can illuminate a selected fiber or automatically sequence through all 8, 12 or 16 fibers. When used together, the MT Tracer Source and Display provide a fast way to trace (verify connectivity) a 16-fiber link. Both Source and Display are equipped with male (pinned) 16-fiber MTP® connectors.

MT Tracer-16 Ordering

AFL NO.	Description	
TRCR-50-0100	MT Tracer, 12-Fiber Display Kit	
TRCR-50-0200	MT Tracer, 16-Fiber Display Kit	
TRCR-50-0300	MT Tracer, 16-Fiber Source Kit	
TRCR-50-0400	MT Tracer, with16-Fiber Source and 16-Fiber Display Kit	
TRCR-50-0500	MT Tracer, with16-Fiber Source, 12-Fiber Display and 16-Fiber Display Kit	

MTT Tracer-16 Test Cords Configurations and Ordering

Test Cords must be ordered based on cable under test type!



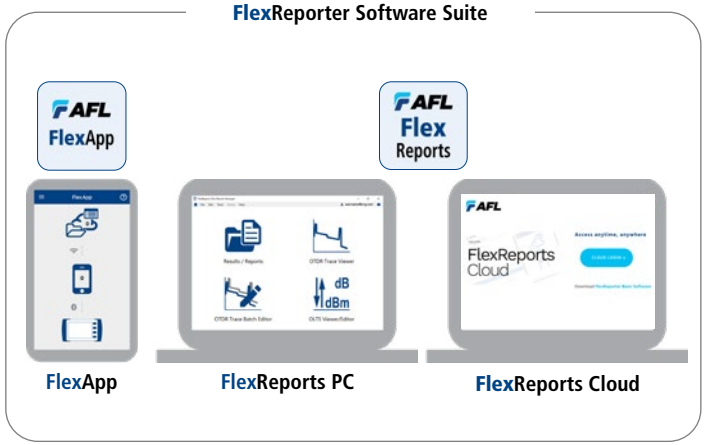
Source	Display	Fiber	Cable Under Test (CUT)	Test Cord A (Source to CUT)	Test Cord B (CUT to Display)
MPO-16	MPO-16	Single-mode	MPO-16 unpinned	**8700-00-0229MR**	**8700-00-0229MR**
			MPO-16 pinned	**8700-00-0228MR**	**8700-00-0228MR**
			MMC-16 pinned	**8700-00-0224MR**	**8700-00-0224MR**
	MPO-12		MPO-12 unpinned	**8700-00-0232MR**	**8700-00-0232MR**
			MPO-12 pinned	**8700-00-0231MR**	**8700-00-0231MR**
			MPO-12 unpinned	**8700-00-0232MR**	**8700-00-0158MR**
			MPO-12 pinned	**8700-00-0231MR**	**8700-00-0233MR**
	MPO-16	Multimode	MPO-16 unpinned	**8700-00-0294MR**	**8700-00-0294MR**
			MPO-16 pinned	**8700-00-0295MR**	**8700-00-0295MR**
			MPO-12 unpinned	**8700-00-0296MR**	**8700-00-0296MR**
			MPO-12 pinned	**8700-00-0297MR**	**8700-00-0297MR**

AFL NO.	Description	
8700-00-0158MR	MTP12 (male) - MTP12 (female), SM, type A, 2 m, yellow	
8700-00-0224MR	MTP16 (female) - MMC16 (female), ELITE SM, type A, 2 m, yellow	
8700-00-0228MR	MTP16 (female) - MTP16 (female), ELITE MTP, type A, 2 m, yellow	
8700-00-0229MR	MTP16 (female) - MTP16 (male), ELITE MTP, type A, 2 m, yellow	
8700-00-0231MR	MTP16 (female) - MTP12 (female), ELITE MTP, type A, 2 m, yellow	
8700-00-0232MR	MTP16 (female) - MTP12 (male), ELITE MTP, type A, 2 m, yellow	
8700-00-0233MR	MTP12 (female) - MTP12 (female), ELITE MTP, type A, 2 m, yellow	
8700-00-0294MR	MTP16 (female) - MTP16 (male), APC, OM4, type A, 2 m, aqua	
8700-00-0295MR	MTP16 (female) - MTP16 (female), APC, OM4, type A, 2 m, aqua	
8700-00-0296MR	MTP16 (female) - MTP12 (male), APC, OM4, type A, 2 m, aqua	
8700-00-0297MR	MTP16 (female) - MTP12 (female), APC, OM4, type A, 2 m, aqua	

$250 Minimum Order

REPORTING SOFTWARE

FlexReporter® Software Suite



Features

- FlexReporter Software Suite — A unified platform supporting AFL's test and inspection instruments
- FlexReports Cloud — A streamlined testing workflow from project spreadsheet through field testing to cloud-based reporting
- FlexApp — Real-time synchronization of test assignments and field test results to FlexReporter Cloud
- Reports generation with FlexReports Cloud or FlexReports PC
- Centralized storage and management of test results and project data

FlexReporter Software Suite is a cloud-enabled project management and reporting platform for AFL's test and inspection instruments. The suite connects project planning, field testing, test data transfer, centralized cloud storage, analysis, and reporting through FlexApp, FlexReports Cloud, and FlexReports PC software.

FlexApp is a mobile application (iOS/Android) that wirelessly transfers test data between compatible AFL testand inspection equipment and FlexReports Cloud. Test results are synchronized in real time for centralized access, analysis, editing, and report generation using FlexReports Cloud or FlexReports PC software.

FlexReports Cloud is a centralized, cloud-based platform for managing fiber optic testing projects from planning through final acceptance across data center, enterprise, and FTTH deployments. Through an intuitive web-based dashboard, project managers can create organizations projects and import project data from CSV files. The platform provides a scalable project workflow enabling supervisors to create and assign fiber testing projects, technicians to execute tests through the FlexApp and connected instruments, and stakeholders to instantly access results and generate large certification reports in seconds rather than minutes.

FlexReports PC software integrates with FlexReporter centralized cloud storage to provide remote access to test results and powerful analysis, editing, and reporting capabilities. Available for Windows® in Basic and Advanced versions, FlexReports PC software supports FlexScan® OTDRs, FOCIS connector inspection products, optical power meters, and FlowScout® OLTS certifiers.

FlexReports Basic provides tools for viewing and analyzing test results and supports single-fiber OTDR and OLTS reporting. It also includes a 60-day trial of the Advanced version with Batch Editor functionality.

FlexReports Advanced is a comprehensive reporting and post-processing solution for generating professional bi-directional OTDR, OLTS, and connector inspection reports that comply with industry standards. Advanced Batch Editor functionality enables users to update OTDR Pass/Fail limits, correct OTDR events, and streamline post-processing workflows.

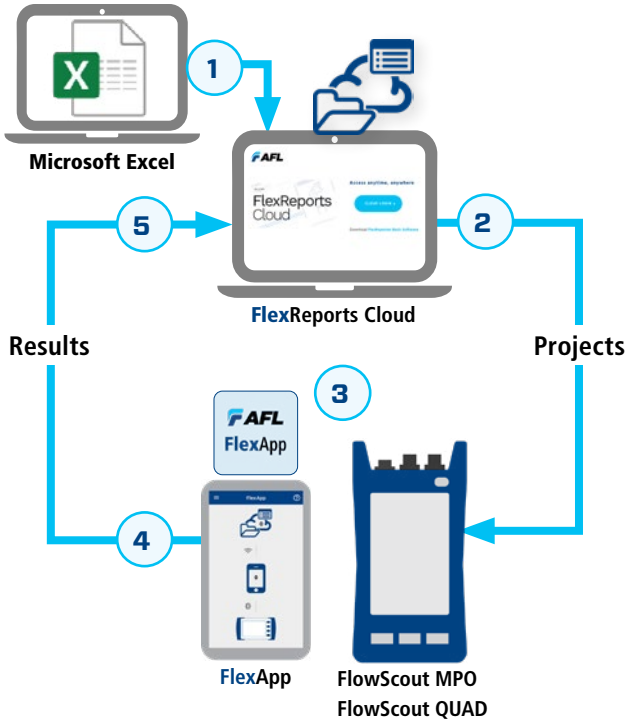
FlexReports Power provides reporting capabilities specifically designed for AFL's FlowScout optical power meters and OLTS testers, enabling report generation from ATD files with Pass/Fail limit information.

FlexReporter Software Suite

NEW

FlexReports Cloud Workflow

PLAN > ASSIGN > TEST> SYNC > REPORT

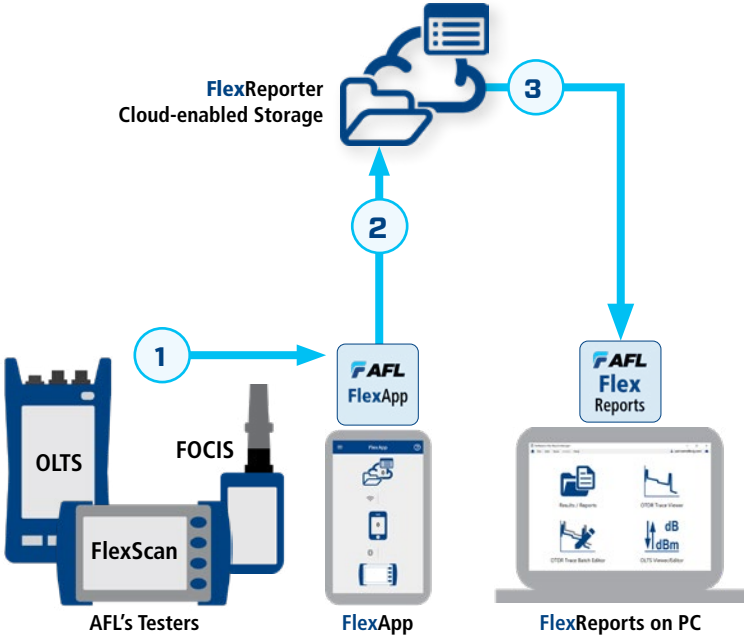


A connected path from project planning to field testing to cloud-based reporting

1. **PLAN:** Create a project using Microsoft Excel and export the project data to a CSV file.
2. **ASSIGN:** Import the project into FlexReports Cloud Workflow and assign testing work to field teams.
3. **TEST:** Technicians receive assigned test projects through FlexApp and perform field testing using FlowScout® MPO or Quad OLTS certifiers.
4. **SYNC:** Test data from the FlowScout MPO or Quad OLTS is automatically synchronized through FlexApp to FlexReports Cloud.
5. **REPORT:** Review test results and generate customer-ready documentation and reports with FlexReports Cloud.

FlexReports PC Software

TEST> SYNC > REPORT



1. **TEST:** Technicians perform field testing using FlexScan® OTDRs, FOCIS inspection scopes, FlowScout OLTS certifiers.
2. **SYNC:** Test data from the test equipment is automatically synchronized through FlexApp mobile application to FlexReports cloud-enabled storage.
3. **REPORT:** Review test results and generate customer-ready documentation and reports with FlexReports PC software.

$250 Minimum Order

FlexReports Basic and FlexReports Advanced Software Comparison

FlexReports Features	Basic License	Advanced License
OTDR Trace Viewer, OLTS Viewer/Editor	◆	◆
OTDR Trace Analysis with the Bi-directional and Macrobend analysis	◆	◆
OTDR Add/Delete events from the Trace Viewer	◆	◆
Single Fiber reporting for OTDR and OLTS results	◆	◆
60-Day Reporting and Batch Editor License Trial	◆	
Download of test results stored in the FlexReporter cloud		◆
Reports Wizard, compatible with TRM		◆
Bi-directional OTDR, OLTS, Inspection reports		◆
Hyperlinked PDF test reports with clear Pass/Fail indicators		◆
PDF and Excel format OTDR reports		◆
Batch editing of OTDR .SOR files for renaming results, correcting Pass/Fail limits and launch cable settings		◆

FlexReports Ordering

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

ACCESSORIES

Test Jumpers

AFL NO.	Description	
Multimode Test Jumpers (62.5/125 µm - 2 meters)		
8700-00-0053MR	SC/SC	
8700-00-0045	SC/ST	
8700-00-0003	ST/ST	
Multimode Test Jumpers (50/125 µm - 2 meters)		
8700-00-0064	SC/ST	
8700-00-0065	SC/SC	
8700-00-0082	LC/LC	
8700-00-0093	FC/FC	
Single-mode Test Jumpers (9/125 µm - 2 meters)		
8700-00-0005	FC/FC	
8700-00-0016	FC/ST	
8700-00-0017	ST/ST	
8700-00-0018	SC/SC, G.657) BIF	
8700-00-0021	FC/SC	
8700-00-0022	SC/ST	
Single-mode Test Jumpers (9/125 µm - 2 meters)		
8700-00-0032	FC/APC-FC/UPC	
8700-00-0033	SC/APC-FC/UPC	
8700-00-0034	SC/APC-SC/UPC	
8700-00-0046	LC/SC	
8700-00-0192MR	SC/SC	
8700-00-0071	SFC/LC	
8700-00-0089	SC/ASC	
8700-00-0090MR	ASC/ASC	
8700-00-0097	LC/LC	
MPO Test Jumpers, Single-mode, APC		
8700-00-0156MR	MPO(F)-MPO(F), 12 fiber, type A, 2 meters	
8700-00-0158MR	MPO(M)-MPO(F), 12 fiber, type A, 2 meters	
8700-00-0159MR	MPO(F)-MPO(F), 12 fiber, type B, 2 meters	
8700-00-0167MR	MPO(M)-MPO(M), 12 fiber, type A, .3 meters	
8700-00-0168MR	MPO(M)-MPO(M), 12 fiber, type B, .3 meters	
8700-00-0310MR	MPO24(F)-MPO12(M), G.657.A1, Type A, .15 meters	
8700-00-0311MR	MPO24(F)-MPO12(F), G.657.A1, Type A, .15 meters	
8700-00-0312MR	MPO24(F)-MPO12(M), G.657.A1, Type B, .15 meters	
8700-00-0313MR	MPO24(F)-MPO12(F), G.657.A1, Type B, .15 meters	

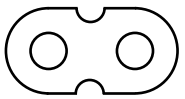
Mating Adapters for both MMF and SMF testing

AFL NO.	Description	
8400-00-0083MR	LC/LC, Simplex	
8400-00-0004MR	FC/FC	
8400-00-0020	ST/ST	
8400-00-0029MR	SC/FC	
8400-00-0045MR	SC/SC	
8400-00-0054	SC/ST	
8400-00-0093MR	MPO-12, key-up/key-up (aligned notch)	
8400-00-0094MR	MPO-12, key-up/key-down (opposed notch)	
8400-00-0105PR	MPO-16, key-up/key-up (aligned notch)	
8400-00-0106PR	MPO-16, key-up/key-down (opposed notch)	
8400-00-0075	Mating adapter (bulkheads) LC to LC	

2-Conductor Power Cords (for OLS1-DUAL, OLS2-DUAL, OLS4, OLS7)

Please specify power cord type (country) when ordering an AC charger. One power cord is included with each AC charger at no charge. Additional power cords may be purchased separately.

Table 2

AFL NO.	Country	Image	Description	
6000-12-0001MR	USA	**2-conductor** 	IEC 320-C7, Type N	
6000-12-0002MR	Euro		IEC 320-C7, Type A	
6000-12-0003MR	UK		IEC-320-C7, Type D	
6000-12-0004MR	Australia, China		IEC-320-C7, Type P	
6000-12-0005MR	India		IEC-320-C7, Type G	
6000-12-0006MR	Japan		IEC-320-C7, Type M	

$250 Minimum Order

ACCESSORIES FOR DISCONTINUED PRODUCTS

AFL NO.	Description	Model	
C850 OTDR, C840 and C880 Accessories and Connector Adapters			
4050-00-0918PR	AC charger 100-240 VAC to 18 VDC. Specify power cord, page 50, Table 1.		
6000-00-0027MR	Cable, USB-MINI B (connect to PC)		
8800-00-0072PR	Universal flip-top dust cap for UCI outputs		
2900-50-0002MR	FC adapter for OTDR/OLS port	C850, C840, C880	
2900-50-0003MR	SC adapter for OTDR/OLS port		
2900-50-0004MR	ST adapter for OTDR/OLS port		
2900-50-0006MR	LC adapter for OTDR/OLS port		
8800-00-0200	FC adapter for OPM port	C850	
8800-00-0209	SC adapter for OPM port		
8800-00-0202	ST® adapter for OPM port		
8800-00-0225	LC adapter for OPM port		
8800-00-0214	2.5 mm adapter for OPM port		
8800-00-0224	1.25 mm adapter for OPM port		
2900-53-0001MR	2.5 mm adapter for VFL port		
2900-53-0002MR	1.25 mm adapter for VFL port		
2900-52-0001MR	FC adapter for OPM port	C840, C880	
2900-52-0002MR	SC adapter for OPM port		
2900-52-0003MR	ST adapter for OPM port		
2900-52-0004MR	LC adapter for OPM port		
2900-50-0005MR	2.5 mm Universal adapter for OPM port		
2900-52-0006MR	1.25 mm Universal for OPM port		
2900-50-0007MR	2.5 mm Universal adapter for VFL port		
2900-50-0010MR	1.25 mm Universal adapter for VFL port		
CS260[a], FLX380, OFL250, OFL280 Series Accessories and Connector Adapters			
6000-00-0024MR	Cable, USB-MINI B (connect to PC)		
4050-00-0927PR	AC charger 100-240 VAC to 15 VDC. Specify power cord, page 50, Table 1		
3900-05-0003ME	Li-Ion battery pack		
2900-50-0002MR	FC adapter for OTDR/OLS port		
2900-50-0003MR	SC adapter for OTDR/OLS port		
2900-50-0004MR	ST adapter for OTDR/OLS port		
2900-50-0006MR	LC adapter for OTDR/OLS port		
2900-50-0011MR	SC/APC adapter for OTDR/OLS port		
2900-52-0001MR	FC adapter for OPM port		
2900-52-0002MR	SC adapter for OPM port		
2900-52-0003MR	ST adapter for OPM port		
2900-52-0004MR	LC adapter for OPM port		
2900-52-0005MR	2.5 mm Universal adapter for OPM port		
2900-52-0006MR	1.25 mm Universal adapter for OPM port		
2900-53-0001MR	2.5 mm Universal adapter for VFL port		

AFL NO.	Description	Model	
2900-53-0002MR	1.25 mm Universal adapter for VFL port		
8800-00-0072PR	Universal flip-top dust cap for UCI outputs		

FOCIS Duel Adapter Tips (Port 1 and Port 2)

Port 1 uses APC adapter tips listed below and tips listed in section "FOCIS Series Inspection Adapter Tips", page 22.

AFL NO.	Port	Description	Tip ID	
FFLX-4S-ASC	1	SC/APC bulkhead adapter tip, quad-slotted	XASC	
FFLX-4S-AFC	1	FC/APC bulkhead adapter tip, quad-slotted	XAFC	
FFLX-4S-ALC	1	LC/APC bulkhead adapter tip, quad-slotted	XALC	
FDUO-01-ULC	2	LC/UPC ferrule adapter tip, single-slotted female "click-in"	SULC	
FDUO-01-ALC	2	LC/APC ferrule adapter tip, single-slotted female "click-in"	SALC	
FDUO-01-USC	2	SC/UPC ferrule adapter tip, single-slotted female "click-in"	SUSC	
FDUO-01-ASC	2	SC/APC ferrule adapter tip, single-slotted female "click-in"	SASC	
FDUO-01-U125	2	Universal 1.25 mm UPC ferrule adapter tip, single-slotted	U1	
FDUO-01-A125	2	Universal 1.25 mm APC ferrule adapter tip, single-slotted	A1	
FDUO-01-U25	2	Universal 2.5 mm UPC ferrule adapter tip, single-slotted	U2	
FDUO-01-A25	2	Universal 2.5 mm APC ferrule adapter tip, single-slotted	A2	

FOCIS Duel Accessories		
1400-01-0172PZ	Easy Access carry case	
1400-05-0230PZ	Wrist strap	
3900-04-0008ME	Battery, 3.6V, NiMH, rechargeable	
4050-00-0931PR	AC charger. Select power plug option.	
4050-00-0030USMR	US power plug for AC charger	
4050-00-0030UKMR	UK power plug for AC charger	
4050-00-0030EUMR	EU power plug for AC charger	
4050-00-0030SAAMR	CN power plug for AC charger	
6000-00-0031MR	USB – Micro-B cable, 5 pin, 6 ft	
8800-02-0074MZ	Dust cap for the Inspection Port 1	
6000-00-0034PR	5V USB charging cable (1.5 m), type A to barrel (0.9 X 3.2 X 9 mm)	
1410-02-0228PZ	Rubber boot for FOCIS Flex, FOCIS Lightning, FOCIS Duel	

Accessories for Discontinued Products

AFL NO.	Description	Model	
FOCIS Flex Adapter Tips: MTP/MPO Multi-fiber Adapter Tips (ferrule and bulkhead)			

AFL NO.	Description	Tip ID
DFS1-00-0060MR	Multi-row base for MTP/PC ferrule & bulkhead, extended tip	MTP[a], [b]
DFS1-00-0041MR	MPO-12 PC bulkhead; requires single or multi-row base	MTP[b]
DFS1-00-0058MR	MPO-16 PC bulkhead; requires single or multi-row base	MTP16[b]
DFS1-01-0015MR	MPO-16 APC bulkhead; requires single or multi-row base	MTPA16[b]
DFS1-00-0042MR	Single-row base, MTP & MTPA (MPO-12 PC and APC) bulkhead	MTP, MTPA[a], [b]
DFS1-00-0050MR	Multi-row base & MTP (MPO-12 PC) bulkhead	MTP[a, b]
DFS1-01-0010MR	Single-row base & MTPA (MPO-12 APC) bulkhead	MTPA[a, b]

For a list of all tips available for the FOCIS Flex, see section "FOCIS Series Inspection Adapter Tips", page 22.

Notes:

a. MTP extended tip marking includes S/N since these have moving parts.

b. Base & tip is required to inspect MPO/MTP connectors.

FOCIS Flex Accessories		
1400-01-0107MZ	Soft carry case with strap	
1400-05-0230PZ	Wrist strap	
3900-04-0008ME	Battery, 3.6V, NiMH, rechargeable	
4050-00-0931PR	FOCIS Flex AC charger.	
4050-00-0030USMR	US power plug for AC charger	
4050-00-0030UKMR	UK power plug for AC charger	
4050-00-0030EUMR	EU power plug for AC charger	
4050-00-0030SAAMR	CN power plug for AC charger	
6000-00-0031MR	USB – Micro-B cable, 5 pin, 6'	
8800-02-0074MZ	Dust cap for the Inspection Port	
4050-00-0935PR	Vehicle charger, 12 VDC to 5 VDC @2A	
6000-00-0034PR	5V USB charging cable (1.5 m), type A to barrel (0.9 x 3.2 x 9 mm)	
1410-02-0228PZ	Rubber boot for FOCIS Flex, FOCIS Lightning, FOCIS Duel	
FOCIS WiFi2 Accessories & Adapter Tips		
1400-01-0172PZ	Easy Access carry case	
1400-05-0230PZ	Wrist strap	
8800-02-0074MZ	Dust cap for the Inspection Port	
4050-00-0931PR	AC charger. Select power plug option	
4050-00-0030USMR	US power plug for AC charger	
4050-00-0030UKMR	UK power plug for AC charger	
4050-00-0030EUMR	EU power plug for AC charger	
4050-00-0030SAAMR	SAA power plug for AC charger	
6000-00-0034PR	5V USB charging cable (1.5 m), type A to barrel (0.9 X 3.2 X 9 mm)	

See section "FOCIS Series Inspection Adapter Tips", page 22.

AFL NO.	Description	Model
M210e/M310/M700/M710 OTDR Accessories and Connector Adapters		
4050-00-0918PR	AC charger (specify power cord, page 50, Table 1), 100-240 VAC to 18 VDC	**M210e, M310,**
8800-00-0072PR	Flip-top dust cap for UCI outputs	**M700, M710**
6000-00-0024MR	Cable, USB-MINI B (connect to PC)	**M210e,**
1400-01-0067	Soft Case	**M310**
1400-01-0082PZ	Soft carry case	**M700, M710**
6000-00-0027MR	Cable, USB-MINI B (connect to PC)	
2900-50-0002MR	FC adapter for OTDR port	**M210e,**
2900-50-0003MR	SC adapter for OTDR port	**M310,**
2900-50-0004MR	ST adapter for OTDR port	**M700,**
2900-50-0006MR	LC adapter for OTDR port	**M710**
2900-50-0011MR	SC/APC adapter for OTDR port	**M710**
2900-52-0001MR	FC adapter for OPM port	
2900-52-0002MR	SC adapter for OPM port	
2900-52-0003MR	ST adapter for OPM port	
2900-52-0004MR	LC adapter for OPM port	**M210e,**
2900-52-0005MR	2.5 mm Universal for OPM port	**M310**
2900-52-0006MR	1.250mm Universal for OPM port	
2900-50-0007MR	2.5 mm Universal for VFL port	
2900-50-0010MR	1.25 mm Universal for VFL port	
8800-00-0200	FC adapter for OPM port	**M700,**
8800-00-0209	SC adapter for OPM port	
8800-00-0202	ST adapter for OPM port	
8800-00-0225	LC adapter for OPM port	
8800-00-0214	2.5 mm Universal for OPM port	
8800-00-0224	1.25 mm Universal or OPM port	
2900-53-0001MR	2.5 mm Universal adapter for VFL port	
2900-53-0002MR	1.25 mm Universal adapter for VFL port	
OFS300 Microscope Accessories and Adapter Caps		
1400-01-0055	Soft Carry case	
1400-01-0025PZ	Holster	
8800-00-0214	2.5 mm Universal (accepts FC, SC, and ST ferrules)	
8800-00-0224	1.25 mm Universal (accepts LC and MU ferrules)	
8800-00-0200	FC	
8800-00-0209	SC	
8800-00-0202	ST®	
8800-00-0225	LC simplex only	
8800-00-0221	E2000	
8800-00-0226	MU simplex	

Accessories for Discontinued Products

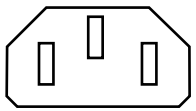
AFL NO.	Description	Model	
8800-00-0219	2.5 mm open Universal (accepts SC duplex, OptiTap)		
8800-00-0203	SMA		
8800-00-0218	Angled FC		
8800-00-0219	2.5 mm open Universal (accepts SC duplex, OptiTap)		
8800-00-0223	1.0 mm bare fiber (plastic)		
OLS Series Adapter Caps & Power Supply		**Model**	
2900-50-0002MR	FC adapter	**OLS4, OLS7**	
2900-50-0003MR	SC adapter		
2900-50-0004MR	ST adapter		
2900-50-0006MR	LC adapter		
8800-00-0072PR	Universal flip-top dust cap for UCI outputs		
4050-00-0919PR	100-240 VAC to 9 VDC (b)		
ROGUE - Connector Adapters for ROGUE Module Test Ports			
2900-50-0002MR	FC adapter for OLS port		
2900-50-0003MR	SC adapter for OLS port		
2900-50-0004MR	ST adapter for OLS port		
2900-50-0006MR	LC adapter for OLS port		
2900-52-0001MR	FC adapter for OPM port		
2900-52-0002MR	SC adapter for OPM port		
2900-52-0003MR	ST adapter for OPM port		
2900-52-0004MR	LC adapter for OPM port		
2900-52-0005MR	2.5 mm Universal adapter for OPM port		
2900-52-0006MR	1.25 mm Universal adapter for OPM port		
2900-50-0007MR	2.5 mm Universal adapter for VFL port		
2900-50-0010MR	1.25 mm Universall adapter for VFL port		
SVA1 Accessories and Connector Adapters			
2900-50-0002MR	FC adapter		
2900-50-0003MR	SC adapter		
2900-50-0004MR	ST adapter		
2900-50-0006MR	LC adapter		
8800-00-0072PR	Universal flip-top dust cap for UCI outputs		

Power Supply Cords for AC Chargers

3-Conductor Power Cords (for C, CS, FLX, M, OFL Series and FTS, OLTS5, OLS1-1C/2C, T400/500B, VFS2, VOA5)

Please specify power cord type (country) when ordering an AC charger. One power cord is included with each AC charger at no charge. Additional power cords may be purchased separately.

Table 1

AFL NO.	Country	Image	Description	
6000-00-0001MR	USA	**3-conductor** 	IEC320, 115V, Type K	
6000-00-0012MR	Euro		IEC320, 250V, Type B	
6000-00-0015MR	UK		IEC320, 250V, Type D	
6000-00-0016MR	Australia, China		IEC320, 250V, Type C	
6000-00-0017MR	Denmark		IEC320, 250V, Type E	
6000-00-0018MR	Japan		IEC320, 125V, Type M	
6000-00-0019MR	Swiss		IEC320, 250V, Type L	
6000-00-0020MR	Italy		IEC320, 250V, Type I	
6000-00-0021MR	Israel		IEC320, 250V, Type H	
6000-00-0022MR	India		IEC320, 250V, Type G	

$250 Minimum Order

CALIBRATION SERVICES

Servicing your valuable AFL Test & Inspection Equipment at authorized AFL calibration facilities ensures you are getting the most out of your equipment and it is performing accurately. In keeping with ISO certification guidelines, AFL recommends the following calibration intervals for AFL Test & Inspection Equipment products:

- 3-year Calibration Interval for OPM, CSM1, OLS, CSS1, and OFI products
- 1-year Calibration Interval for BI Enhanced Optical Fiber Identifiers - OFI-BI, OFI-BIPM, OFI-BIPM
- 1-year Calibration Interval for all other AFL Test & Inspection Equipment products

Authorized AFL calibration facilities are traceable to the National Institute of Standards and Technology or equivalent.

Category	Model	
OTDRs, FlexTesters	FlexScan® TS100, FS300, FS200-60/-300/-100/-303/-304	
ROGUE® OLTS Certifier Kits (Pairs)	RGK-CERTxx, RGK-CERTxxB1	
ROGUE OLTS Certifier Modules	RG-1100-xxx	
FlowScout PON Power Meter	TPPM-XG	
Power Meters	DPPM, CSM1, OPM, OPM8, MFP	
Light Sources	CSS1, OLS, OLS8, MFT	
Light Sources - Encircled Flux (EF) Compliant	OLS1-DL-EF, OLS4-EF	
Optical Fiber Identifiers	OFI, MFI	
BI Enhanced Optical Fiber Identifiers	OFI-BI, OFI-BIPM, OFI-BIPMe	

Notes:

1. The following products are no longer supported for repair or calibration:
   - OTDRs: C850, CS260, FLX380-1xx, FLX380, M100, M200, M600, M650, M210, M210e, M310, M700, M710, OFL100, OFL200, OFL250, OFL280, RG-2100
   - OTDR and Certification Kits: C860
   - Certification and Loss/Return Loss Kits (Pairs): C840, C880
   - Inspection products: VFS1, VFS2, DFD1, VFD2
   - Fiber Identification: OFI-FTTx, HiLite/VFI3, VFI2
   - Optical Light Sources (OLS): OLS1-1C, OLS1-2C, OLS3, OLS6, OLTS2, OLTS3, OLT4, OLTS5
   - Optical Power Meters (OPM): OPM3, OPM4-FTTx, OPM6
   - Optical Loss Testing: Turbo 500, T400, ORL3, ORL3B, T50B
   - Miscellaneous: FTS, FTS1, FTS3, VOA4, VOA5, VOA6, VOA-SM, WSP, TACT1
2. Please contact AFL for information on any products not listed: 1-800-235-3423

Calibration and Repair Facilities

AFL has an authorized calibration/repair facility for AFL products in the USA, Europe and Asia Pacific. Please contact customer service for a return authorization number prior to sending your AFL test equipment in for repair or calibration.

Fujikura Europe LTD is an Authorized European Repair and Calibration facility for AFL Test and Inspection products and should be contacted directly for service.

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Extended Warranty Options

Standard Warranty

- CSM1, CSS1, OPM, OLS, OFI-200, OFI-400 products are warranted against defective material and workmanship for a period of (5)* five years from the date of delivery to the end user.
- All other AFL products are warranted against defective material and workmanship for a period of (1) one year from the date of delivery to the end user.
- Any product that is found defective within the warranty period will, at the discretion of AFL, be repaired or replaced. Warranty will be voided if the product has been repaired or altered by other than an authorized AFL product repair facility, if the void sticker has been compromised, or which have been subject to misuse, negligence, or accident. In no case shall AFL liabilities exceed the original purchase price.

* **Note:** Wear items such as OFI plungers are warrantied for a period of (1) one year.

Extended Warranties for Products Offered with One Year Warranty

	1 - Year Extended Warranty	2 - Year Extended Warranty	4 - Year Extended Warranty
	Part Number	Part Number	Part Number
	EW1Y-00-0907	EW2Y-00-0907	EW4Y-00-0907
	EW1Y-00-0906	EW2Y-00-0906	EW4Y-00-0906
	EW1Y-00-0905	EW2Y-00-0905	EW4Y-00-0905
	EW1Y-00-0904	EW2Y-00-0904	EW4Y-00-0904
	EW1Y-00-0903	EW2Y-00-0903	EW4Y-00-0903
	EW1Y-00-0902	EW2Y-00-0902	EW4Y-00-0902
	EW1Y-00-0901	EW2Y-00-0901	EW4Y-00-0901

Extended warranties add to standard warranty providing complete warranty time period

Example: 1 year standard + 4 years extended = 5 years warranty coverage

TERMS & CONDITIONS

1. **PRICES:** All prices set forth are suggested selling prices, FOB Duncan, SC for domestic shipments and FCA Duncan, SC for international shipments. All prices and specifications are subject to change without notice. Contact our Sales Department to confirm price and delivery.
2. **ORDER ENTRY:** Minimum order $250.00.
3. **TERMS OF PAYMENT:** Terms of payment shall be net within thirty (30) days from date of invoice with approved credit.
4. **SHIPMENTS**: When a carrier is not specified, shipment will be made by the best surface-carrier available. RUSH ORDERS will be shipped as authorized. The customer shall bear the risk of in-transit loss or damage.
5. **CANCELLATION:** Unless otherwise agreed, in the event of cancellation, AFL shall be reimbursed for all expenses incurred.
6. **PACKING:** All instruments shall be packed for shipment in accordance with standard commercial practices for protection during shipment and storage.
7. **WARRANTY:**

- OPM, OLS, OFI-200, OFI-400 products are warranted against defective material and workmanship for a period of (5)* five years from the date of delivery to the end user.
- All other AFL products are warranted against defective material and workmanship for a period of (1) one year from the date of delivery to the end user.
- Any product that is found defective within the warranty period will, at the discretion of AFL, be repaired or replaced. Warranty will be voided if the product has been repaired or altered by other than an authorized AFL product repair facility, if the void sticker has been compromised, or which have been subject to misuse, negligence, or accident.
  In no case shall AFL liabilities exceed the original purchase price.
- *** Note: Wear items such as OFI plungers are warrantied for a period of (1) one year.**

8. **RETURN:** A Return Materials Authorization (RMA) number must be issued to the customer prior to accepting any products for return. Credit will be issued only on current merchandise, in re-saleable condition. Obsolete or discontinued products may not be returned for credit. Any material returned after 30 days of the original invoice date will be subject to a 20% restocking fee. No materials may be returned beyond 6 months from the original invoice date.
9. **REPAIR/CALIBRATION:** All calibration and repair orders are accepted by phone and need to be confirmed by purchase order. When shipping equipment for repair/calibration please include the service request number issued by Customer Service/Technical Support, a complete description of the fault condition, all connector adapters and dust caps to protect the connectors and contact information in case additional information is required. All chemicals should be removed from equipment case before sending in for repair or calibration. Minimum repair evaluation fee $150.

   Some older AFL products are no longer supported or supported for calibration services only. Products supported for calibration services only must be in fully functional condition to be calibrated. Any of these products that are sent in for calibration that are not in good working condition will be charged an evaluation fee and sent back to the customer without calibration.

   Upon completion of the service requested, prompt payment is expected. Completed service requests not paid within 60 days of request will be charged an additional storage fee of $45 per month for each month or portion thereof that payment has not been received.

Notes:

- Unless otherwise specified all connectors are Ultra Physical Contact (UPC).
- ST is a registered trademark of Lucent Technologies.
- ESCON is a registered trademark of IBM.
- MTP is a registered trademark of US Conec Ltd.
- MPX is a registered trademark of TYCO Electronics Corp.

REVISION CHANGES HISTORY

October 15, 2026

New Products and Services

AFL NO.	Description		Page
MT Tracer-16			
TRCR-50-0100	MT Tracer, 12-Fiber Display Kit		44
TRCR-50-0200	MT Tracer, 16-Fiber Display Kit		44
TRCR-50-0300	MT Tracer, 16-Fiber Source Kit		44
TRCR-50-0400	MT Tracer, with16-Fiber Source and 16-Fiber Display Kit		44
TRCR-50-0500	MT Tracer, with16-Fiber Source, 12-Fiber Display and 16-Fiber Display Kit		44
MT Tracer-16 Test Cords			
8700-00-0158MR	MTP12 (male)-MTP12 (female), SM ,type A, 2 m, yellow		44
8700-00-0294MR	MTP16 (female) - MTP16 (male), APC, OM4, type A, 2 m, aqua		44
8700-00-0295MR	MTP16 (female) - MTP16 (female), APC, OM4, type A, 2 m, aqua		44
8700-00-0296MR	MTP16 (female) - MTP12 (male), APC, OM4, type A, 2 m, aqua		44
8700-00-0297MR	MTP16 (female) - MTP12 (female), APC, OM4, type A, 2 m, aqua		44

Removed Products

AFL NO.	Description
FlexScan Series Accessories	
1400-20-0006PZ	Soft carry case for FS300 with FOCIS, OFI, fiber ring
1400-01-0177PZ	Hard carry case for FS300 with FOCIS, OF, fiber ring
1400-20-0001PZ	Soft carry case for FS300 MPO kits
1400-20-0005PZ	Soft carry case for FS300 with FOCIS, fiber ring
FOCIS Lightning2 Configurable Kits	
FOCIS-LT2-UA	FOCIS Lightning2 Configurable Kit
FOCIS-LT2-UASF	FOCIS Lightning2 Configurable Kit
FOCIS-LT2-NW-U	FOCIS Lightning2 Configurable Kit
FOCIS-LT2-NW-A	FOCIS Lightning2 Configurable Kit
FOCIS-LT2-NW-UA	FOCIS Lightning2 Configurable Kit
FOCIS-LT2-NW-UASF	FOCIS Lightning2 Configurable Kit
1400-01-0183PZ	Empty three-tiered custom-printed acrylic display
TRM® 3 Test Results Manager	
TRM3-BASIC	TRM 3.0 with Basic License (OTDR Trace/OLTS Viewer, Batch Editor and Reports)
TRM3-BA-EMAIL	TRM 3.0 with Basic License (OTDR Trace/OLTS Viewer, Batch Editor and Reports), email delivery
TRM3-ADVANCED	TRM 3.0 with Advanced License (TRM 3.0 Basic plus Advanced Analysis)
TRM3-AD-EMAIL	TRM 3.0 with Advanced License (TRM 3.0 Basic plus Advanced Analysis), email delivery
TRM3-UPGRADE	TRM 3.0 upgrade from Basic to Advanced License
TRM3-UP-EMAIL	TRM 3.0 upgrade from Basic to Advanced License, email delivery

July 15, 2026

New Products and Services

AFL NO.	Description		Page
FOCIS Lightning2 Standard Kits			
FOCIS-LT2-MUA	FOCIS Lightning2 with MPOU and MPOA adapter tips		24
FOCIS-LT2-UASFC	FOCIS Lightning2 with MPOU, MPOA, and Single Fiber adapter		24
Optical Loss Test Sets			
DFLT-KIT-0001MR	FlowScout® QUAD OLTS Certification Test Set		31
8700-00-0221MR	Cable, ULC-ULC, G657.A1, 2 m, 3 mm jacket		31
8700-00-0266MR	Cable, USC-ULC, OM4, 2 m, 3 mm OFNR jacket, violet		31
8700-00-0267MR	Cable, ULC-ULC, OM4, 2 m, 3 mm OFNR jacket, violet		31
8700-00-0275MR	Cable, USC-ULC, SMF-28 ultra, 2 m, 3 mm OFNR jacket, yellow		31
8400-00-0091MR	Adapter, LC/LC duplex		31

Removed Products

AFL NO.	Description
DFS1 Inspection Adapter Tips	
DFS1-00-0046MR	SMA 905 bulkhead
DFS1-00-0008MR	ELIO 1.25 mm
DFS1-00-0013MR	60° angled tip for SC/PC and FC/PC bulkhead adapter
DFS1-00-0022MR	60° angled tip for LC/PC bulkhead adapter
DFS1-00-0062MR	LC/UPC female style adapter tip
DFS1-00-0066MR	Guide and socket tip for QODC-2 bulkhead connectors
DFS1-00-0067MR	Guide and socket tip for ODC-4 bulkhead connectors
DFS1-00-0060MR	Multi-row base for MTP/PC ferrule and bulkhead adapter extended tip
DFS1-00-0058MR	Adapter tip for MPO-16 PC bulkhead; Requires single- or multi-row base
DFS1-00-0031MR	LEMO 2.0 mm bulkhead
DFS1-00-0036MR	ELIO 1.25 mm bulkhead
DFS1-01-0006MR	60° angled tip for SC/APC bulkhead
DFS1-00-0038MR	Slim 1.25 mm (for LuxCis and termini)
DFS1-00-0039MR	Slim 2.5 mm (for ELIO and termini)
DFS1-00-0026MR	MU/PC bulkhead adapter tip
Wall/Rack Mountable Field Portablae Cleaning Kits	
FCP1-00-0901	Wall/Rack Mountable Field Portable Cleaning Kit
FCP1-00-0914	Wall/Rack Mountable Field Portable Cleaning Kit
Mandrels for Multimode Link Testing	
5400-00-0201PZ	Mandrel, 62.5 µm fiber, 3 mm jacket
5400-00-0202PZ	Mandrel, 50 µm fiber, 3 mm jacket
5400-00-0900PZ	Two mandrels: 62.5 & 50 µm fiber, 3 mm jacket