AFL



Fiber Optic Cleaning and Inspection

Dry Cleaning | Wet Cleaning | Connector Cleaning Kits | Inspection Systems

One-Click® Cleaners

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

The One-Click Cleaner features an easy one push action, which quickly and effectively cleans the end-face of connectors on jumpers or through adapters. The One-Click Cleaner uses the mechanical push action to advance an optical grade cleaning tape while the cleaning tip is rotated to ensure the fiber end-face is effectively, but gently cleaned.



The Original One-Click Cleaner

FEATURES

- Cleans connectors on jumpers and in adapters
- Effective for removing oil, dust, and dirt particulates
- Ergonomic design with single action cleaning
- Reliable cleaning with precise mechanical action
- Low cost per clean
- Compliant with EU/95/2002/EC Directive (RoHS)

MODELS

- Original One-Click Cleaner (SC/ST/FC, MU/LC, ODC)
- Compact One-Click Cleaner Mini (SC/ST/FC, MU/LC)
- One-Click Ultra Cleaner 2.5 (SC/ST/FC)
- One-Click Cleaner D-LC (Duplex LC)
- One-Click Cleaner MT-RJ
- One-Click Cleaner MPOand MPO-16 (MPO/MTP)

The Original One-Click Cleaner

The Original One-Click Cleaner is an effective, easy-to-use cleaning solution for SC, ST, FC, LC, MU connectors. Rugged ODC Version is designed for cleaning outdoor connector plug and socket styles.

AFL NO.	DESCRIPTION
8500-05-0001MZ	One-Click Cleaner SC, ST, FC (500+ cleans)
8500-05-0002MZ	One-Click Cleaner MU/LC (500+ cleans)
8500-05-0004MZ	One-Click Cleaner ODC (rugged version for outdoor connector)

One-Click® Cleaners



One-Click Cleaner PRO

One-Click Cleaner PRO

The One-Click Cleaner PRO is a high-performance cleaner built for speed and efficiency. It features an integrated guide cap design that reduces cleaning time up to 50% by eliminating constant switching of caps for cleaning the ferrule end-face on connectors, in or out of bulkhead adapters. The One-Click Cleaner Pro boasts over 775 cleaning cycles in an ergonomic push-type cleaner, which is a significant increase from the previous model's 500 clean limitation. Designed to meet the needs of data centers, factories, and FTTH environments, One-Click Cleaner PRO optimizes optical connectivity, reduces downtime, and improves efficiency, making it an essential tool for fiber connector cleaning.

AFL NO.	DESCRIPTION
8500-05-PRO-SC	One-Click Cleaner SC Pro (775+ cleans)
8500-05-PRO-LC	One-Click Cleaner LC Pro (775+ cleans)

One-Click® Cleaners

One-Click® Cleaner MMC

Designed to clean Very Small Form Factor (VSFF) MMC multi-fiber connectors used in Data Centers and other high density optical networks, the new One-Click Cleaner MMC is a revolutionary push-type cleaner, which simplifies cleaning of the ferrule end-face of both MMC exposed connectors and connectors in adapters.



MMC-16 MMC-24

FEATURES

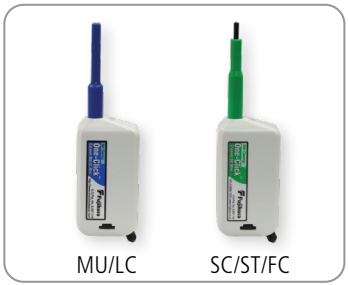
- Cleans high-density, low-insertion-loss pinned or unpinned MMC connectors
- Patented single-action cleaning in a small ergonomic design
- Precise mechanical action delivers consistent cleaning results
- Automatic tape advance ensures each clean is performed with fresh cleaning tape

APPLICATIONS

- Clean MMC-16 and MMC-24 connectors on jumpers and in adapters
- Maximum density, pre-terminated cabling installations
- High fiber count data center interconnects
- Structured cabling

AFL NO.	DESCRIPTION
8500-05-MMC16	One-Click Cleaner MMC for MMC-16 Connectors (500+ cleans)
8500-05-MMC24	One-Click Cleaner MMC for MMC-24 Connectors (500+ cleans)

One-Click® Cleaners



One-Click Cleaner Mini-500

One-Click Cleaner Mini

Offering the same technology and performance as the original, the One-Click Mini is available in a smaller, more compact size, which allows for cleaning of connectors in tighter places.

AFL NO.	DESCRIPTION
8500-05-0005MZ	One-Click Cleaner Mini-100 SC, ST, FC (100+ cleans)
8500-05-0006MZ	One-Click Cleaner Mini-100 MU/LC (100+ cleans)
8500-05-0009MZ	One-Click Cleaner Mini-500 SC, ST, FC (500 cleans)
8500-05-0010MZ	One-Click Cleaner Mini-500 MU/LC (500 cleans)



One-Click Ultra Cleaner 2.5 has an enlarged cleaning area to clean more of the connector end-face.

One-Click Cleaner D-LC (Duplex LC) cuts cleaning time in half by effectively cleaning both LC connectors of a duplex LC at one time. 500+ duplex LC cleans per cleaner (1000+ LC connector cleans).

One-Click Cleaner MPO and MPO-16 are for cleaning MPO/MTP® and 16-fiber MPO/MTP connectors used in Data Centers and other high density optical networks.

One-Click Cleaner MT-RJ (Mechanical Transfer Registered Jack) is designed to clean both fibers of this small form factor connector.

AFL NO.	DESCRIPTION
8500-05-0007MZ	One-Click Ultra Cleaner 2.5 (enlarged cleaning) SC, ST, FC (500+ cleans)
8500-05-0008MZ	One-Click Cleaner D-LC, Duplex LC (2 x 500+ cleans)
8500-05-0031MZ	One-Click Cleaner MT-RJ (500+ cleans)
8500-05-0030MZ	One-Click Cleaner MPO (500+ cleans)
8500-05-0013MZ	One-Click Cleaner MPO-16 (500+ cleans)

NEOCLEAN Cleaners

NEOCLEAN cleaners use a simple one push action to quickly and effectively clean contamination from the end-face of connectors on jumpers or in adapters, reducing cleaning time. It is effective for removing oil, dust, and dirt particulates that can have a negative impact on fiber optic network performance.



NEOCLEAN-E Series



NEOCLEAN-M

FEATURES

- Simple push action
- Replaceable cleaning cartridge (NEOCLEAN-E)
- NEOCLEAN-E: 750+ cleans per cartridge
- NEOCLEAN-M/ -M2: 600+ cleans per cartridge
- Low cost per clean
- RoHS Compliant

APPLICATIONS

- Cleans connectors on jumpers or in adapters
- NEOCLEAN-E for SC, FC, ST, E2000, LC and MU connectors with UPC or APC polishes
- NEOCLEAN-M for MPO/MTP® connectors
- NEOCLEAN-M2 for MPO-16/MTP-16® connectors
- FTTX, data centers, central office

ORDERING

AFL NO.	DESCRIPTION
8500-15-0900MZ	NEOCLEAN-E1 for MU, LC, and LC APC connectors (750+ cleans)
8500-15-0901MZ	NEOCLEAN-E2 for SC and FC connectors with UPC/APC polishes and OpiTap connectors (750+ cleans)
8500-15-0902MZ	NEOCLEAN-E3 for SC, ST, FC, E2000 with UPC/APC polishes and OpiTap connectors (750+ cleans)
8500-15-0909MZ	NEOCLEAN-M for MPO/MTP connectors (600+ cleans)

Cletop Cassette Cleaner Series

The Cletop connector cleaner is a rugged palm-sized cleaner that offers exceptional performance with a proven track record. The choice of many leading manufacturers and telecom carries worldwide for nearly 20 years – Cletop is a name you can rely on.



ORDERING

- Type A and -SA - Designed for single 2.5 mm ferrules (SC, FC, ST, & D4)
- Type B and -SB - Cleans SC, SC2, FC, ST®, DIN, D4, MU, LC, MT, MPO/MTP® without pins, MT-RJ without pins
- Type MPO - Accepts MPO/MTP connectors with pins
- Type MT-RJ - Accepts MT-RJ connectors with pins

AFL NO.	DESCRIPTION
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
8500-10-0027MZ	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

Fiber Optic Cleaning Fluids Fiber Optic Cleaning Fluids

FCC2 Enhanced Fiber Connector Cleaner is a nonflammable, environmentally safe, residue-free solvent engineered to clean fiber connector end-faces and bare fiber before field terminating or fusion splicing. The 3-way dispenser is intended for easy one-handed use with fiber wipes, convenient wetting of CCT connector cleaning tips, and spray nozzle functionality.

FCC3 Debris Destroyer® is a cleaning pen that may be used to moisten cassette cleaners such as CLETOP-S and OPTIPOP-R, or FiberWipe™ and CleanWipe™, as well as One-Click® cleaners for the wet cleaning of tough end-face contamination challenges.



3 oz Can



Debris Destroyer

APPLICATIONS

- Cleans all types of connector end-faces
- Cleans bare fiber before field terminating or fusion splicing
- Removes oils, salts, dust, dirt and uncured epoxies
- Safe on glass, ceramic, metal, plastic optical fiber

ORDERING

AFL NO.	DESCRIPTION
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)

FCC2 is certified as a lead-free product and meets RoHS and WEEE standards.

Wipes and Cleaning Cards

AFL offers a wide variety of optical grade wipes and cleaning cards for both field and manufacturing applications. Cleaning wipes and cards are designed to be used dry or with cleaning fluid for effectively removing common contaminants from optical jumpers and patch cords.



FiberWipes™

Specifically designed to remove and trap common contaminants found in fiber optic installations, FiberWipes provide superior cleaning results from material that is stronger and more absorbent, yet softer than traditional cellulose wipes. FiberWipes are available in rugged mini-tubs or in hermetically sealed individual packages (FiberAide1®) and are the perfect size for tool kits and test kits.

AFL NO.	MODEL	DESCRIPTION
9000-03-0025MZ	FiberWipe	Optical quality wipes in rugged mini tub, 90 wipes per tub
9000-03-0026MZ	FiberWipe	Optical quality fiber wipes in a rugged mini tub. 90 wipes per tub, case of 24 tubs

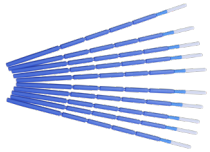
Cleaning Sticks and Tips



Cletop (ACT) Sticks



Cletop (ACT) Sticks



8500-20-2250MZ

CCT Connector Cleaning Tips

Rather than a fabric-covered or foam-covered stick, CCT Cleaning Tips are a molded cleaning tip that will trap contamination and wick cleaning solvents from connector end-faces.

AFL NO.	DESCRIPTION
CCTP-25-0900MZ	For exposed 2.5 mm, 2.0 mm, 1.6 mm ferrules and termini (FC, SC, ST, LC, MU, etc.)
CCTS-25-0900MZ	For 2.5 mm ferrule in adapters or sockets (SC, FC, ST, etc.)
CCTS-12-0900MZ	For 1.25 mm ferrule in adapters or sockets (LC, MU, etc.)
CCTS-16-0900MZ	For MT-RJ connectors and 2.0 mm and 1.6 mm termini in sockets (Mil T 29504/05 For Mil C 38999)

Cletop (ACT) Adapter Cleaning Sticks

AFL NO.	MODEL AND DESCRIPTION
8500-10-0024MZ	**ACT-01**: 2.5 mm single-ended sticks for cleaning SC, ST, FC connectors in adapters
8500-10-0023MZ	**ACT-03:** 2.0 m m single-ended sticks for cleaning military connectors
8500-10-0030MZ	2.0/2.5 mm double-ended sticks for cleaning LEMO connectors

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)

Cleaning Kits



Field Portable Duffle Bag Cleaning Kits

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

AFL NO.	DESCRIPTION
FCP2-10-0900	FCC2 cleaning fluid, FiberWipes, Cletop-SB, SC & LC One-Clicks, Debris Destroyer
FCP2-00-0901	FCC2 cleaning fluid, FiberWipes, Cletop-SB, SC & LC One-Clicks, Debris Destroyer, MPO One-Click



FCP3 Easy-Access Cleaning Kit

FCP3 Cleaning Kits from AFL offer a complete selection of fiber optic cleaning products for field cleaning of connector end-faces in a convenient carry case.

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
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

FOCIS Flex3 Fiber Optic Connector Inspection System

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



FOCIS Flex3

FlexReporter® Software Suite

AFL Flex Reports — PC Software

AFL FlexApp — Mobile App

FEATURES

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

ORDERING

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

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

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

FOCIS Lightning®2 Multi-Fiber Optic Connector Inspection System

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



FOCIS Lightning2

FlexReporter® Software Suite

AFL Flex Reports — PC Software

AFL FlexApp — Mobile App

FEATURES

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

ORDERING

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

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

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



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

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