



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 MPO and 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.

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

One-Click® Cleaners

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.



SC PRO

LC PRO

One-Click Cleaner PRO

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

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.



FEATURES

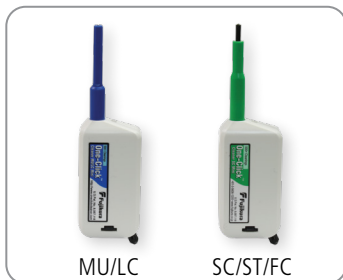
- Cleans high-density, low-insertion-loss pinned or unpinned MMC connectors
- Patented single-action cleaning in a small ergonomic design
- Precise mechanical action delivers consistent cleaning results
- Automatic tape advance ensures each clean is performed with fresh cleaning tape

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

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

One-Click® Cleaners



MU/LC SC/ST/FC
One-Click Cleaner Mini-500



MT-RJ MPO-16
Ultra 2.5 D-LC MPO

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.

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

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.

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

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.



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

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

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

DESCRIPTION	AFL NO.
Cletop-SA with Blue Tape	8500-10-0020MZ
Cletop-SB with Blue Tape	8500-10-0029MZ
Cletop-SB with White Tape	8500-10-0016MZ
Replacement Tape Type S - Blue	8500-10-0021MZ
Replacement Tape Type S - White	8500-10-0017MZ
Cletop Type A with Blue Tape	8500-10-0027MZ
Cletop Type A with White Tape	8500-10-0011MZ
Cletop Type B with Blue Tape	8500-10-0028MZ
Cletop Type B with White Tape	8500-10-0014MZ
Cletop for MPO/MTP with pins (White Tape)	8500-10-0033MZ
Replacement Tape Type A and B – Blue	8500-10-0012MZ
Replacement Tape Type A and B – White	8500-10-0015MZ

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.



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

DESCRIPTION	AFL NO.
Enhanced Formula, (3 oz / 85 g) Fiber Connector Cleaner and Preparation Fluid (1 can)	FCC2-00-0902
Enhanced Formula, (3 oz / 85 g) Fiber Connector Cleaner and Preparation Fluid (case of 12 cans)	FCC2-00-0903
Debris Destroyer™ - Fiber Optic Cleaning Pen (1 pen)	FCC3-00-PEN1

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.

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

Cleaning Sticks and Tips



CCT Connector Cleaning Tips

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

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



Cletop (ACT) Adapter Cleaning Sticks

Cletop (ACT) adapter cleaning sticks are available in sizes for most common commercial connectors (ST, SC, FC, LC, MU), military connectors, and LEMO connectors for video applications.

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

Cleaning Kits



Field Portable Duffel Bag Cleaning Kits

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

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



Wall/Rack Mountable Cleaning Kits

A wide variety of pre-stocked kits offer a complete selection of fiber optic cleaning products for field cleaning of connector end-faces in fiber frames, adapters, and on jumpers. Kits include various configurations of FCC2 Connector Cleaning Fluid, CCT Connector, and Cletop Cartridge Cleaner..

DESCRIPTION	AFL NO.
Includes FCC2 Cleaning Fluid, (1) CCTS-25-0900MZ, (2) CCTP-25-0900MZ Cleaning Tips, Cletop –SB	FCP1-00-0901
Includes FCC2 Cleaning Fluid, (2) CCTS-25-0900MZ, (1) CCTS-12-0900MZ, (1) CCTP-25-0900MZ Cleaning Tips, Cletop –SB	FCP1-00-0914

Cleaning Kits



FCP3 Easy-Access Cleaning Kit

FCP 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.

FCC3 kits include FCC2 Fiber Connector Cleaner and Preparation Fluid, FCC3 Debris Destroyer® Fiber Cleaning Pen, CCT Connector Cleaning Tips, Cletop-SB, One-Click Cleaners for SC, ST, FC, LC/MU, MPO connectors, and an easy-access soft carry case.

DESCRIPTION	AFL NO.
<p>Basic Easy-Access Cleaning Kit. Includes:</p> <ul style="list-style-type: none">• 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	FCP3-00-0900
<p>Enterprise Easy-Access Cleaning Kit. Includes:</p> <ul style="list-style-type: none">• 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	FCP3-00-0901

AFL-CleanDisplay

Custom display to showcase our most popular connector cleaning products. This display features 3 tier shelves and attention-grabbing product images. The display accommodates a variety of products and enables easy grab-and-go purchases.



As Shown

QTY	PAR NUMBER	DESCRIPTION
1	1400-01-0183PZ	Display Case
2	8500-10-0016MZ	Cletop-SB with White Tape
2	9000-03-0025MZ	FiberWipes™ - 90 optical quality wipes per tub, (1 tub
2	FCC2-00-0902	Enhanced Formula, (3 oz/85 g) Fiber Connector Cleaner
3	FCC3-00-PEN1	Debris Destroyer™ - Fiber Optic Cleaning Pen (1 pen)
6	8500-05-0001MZ	One-Click Cleaner SC, ST, FC (500+ cleans)
2	8500-05-0005MZ	One-Click Cleaner Mini-100 SC, ST, FC (100+ cleans)
6	8500-05-0002MZ	One-Click Cleaner MU/LC (500+ cleans)
2	8500-05-0006MZ	One-Click Mini-100 MU/LC (100+ cleans)

Overall Width x Height x Depth: 11.5" x 15.3" x 8.1"

FOCIS Flex Fiber Optic Connector Inspection System

FOCIS Flex makes connector inspection simple, fast, and convenient. With the press of a single button, FOCIS Flex auto-focuses, captures and centers the end-face image, applies Pass/Fail rules, displays image and Pass/Fail results, saves results internally and/or wirelessly transfers data to a paired FlexScan OTDR or a smart device. It is fast, small, and easy to use to enable 100% connector inspection. FOCIS Flex can also be used for OptiTap and MTP/MPO inspections with AFL adapters. Free FlexApp (iOS and Android) supports inspection reporting and FlexReports PC software provides comprehensive reporting capabilities for MPO end-face, individual fiber and single-fiber inspection results.

FOCIS Flex is available in a 'No Wireless' [NW] variant, which removes the Bluetooth and Wi-Fi functionality for use in RF restricted facilities.



ORDERING^{a, b}

DESCRIPTION	AFL NO.
FOCIS Flex, no tips	FOCIS-FLX-P4XN
FOCIS Flex, UPC bulkhead and UPC ferrule tips (1 ea), One-Click Cleaner	FOCIS-FLX-P4XU
FOCIS Flex, APC bulkhead and APC ferrule tips (1 ea), One-Click Cleaner	FOCIS-FLX-P4XA
FOCIS Flex, UPC & APC bulkhead and UPC & APC ferrule tips (1 ea), One-Click Cleaner	FOCIS-FLX-P4XUA
FOCIS Flex, no tips, no BT or Wi-Fi wireless functionality	FOCIS-FLX-NW-P4XN
FOCIS Flex, UPC bulkhead and UPC ferrule tips (1 ea), One-Click cleaner, no BT or Wi-Fi	FOCIS-FLX-NW-P4XU
FOCIS Flex, APC bulkhead and APC ferrule tips (1 ea), One-Click cleaner, no BT or Wi-Fi	FOCIS-FLX-NW-P4XA

a. Each FOCIS Flex Kit includes: FOCIS Flex probe with wrist strap and dust cap, FlexReports Basic software with a 60-day Advanced trial that includes full reporting, AC charger with country-specific plug, USB cable, quick reference guide, and soft carry case with strap.

b. Free FlexApp is available from 'iOS App Store' or 'Google play' store.

For details, see FOCIS Flex product profile at www.Aflglobal.com/Test.

FOCIS Lightning[®]2 Multi-Fiber Optic Connector Inspection System

FOCIS Lightning2 is a compact, ultrafast MPO/MTP[®] connector inspection system engineered to dramatically simplify and streamline connector inspection. With its large, easy-to-use touchscreen and intuitive operations, FOCIS Lightning2 enables service providers, enterprises and data center operators to efficiently inspect and validate their fiber connectivity. It performs IEC-compliant auto-analysis up to 100 times faster than legacy mechanical scanning methods. FOCIS Lightning2 captures up/down key orientation, and supports all fiber configurations up to two rows with sixteen fibers per row. Individual fiber images, pass/fail auto analysis overlays, and zone table data are available for viewing on the large integrated color touch screen. Free FlexApp (iOS and Android) supports inspection reporting and FlexReports Basic Test Results Manager software with 60-day reports trial or optional FlexReports Advanced with full reporting capability provides comprehensive reporting capabilities for MPO end-face, individual fiber and single-fiber inspection results.



ORDERING^a

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

a. Each FOCIS Lightning2 Kit includes: FOCIS Lightning probe with wrist strap and dust cap, USB data/power cable and charger with country-specific plug, quick reference guide, FlexReports Basic software with a 60-day Advanced trial that includes full reporting, and Easy Access carry case.

For details, see FOCIS Lightning2 product profile at www.Aflglobal.com/Test.



F AFL



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

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