

CLEANING SUPPLIES

Dry Cleaning Solutions | Wet Cleaning Solutions | Cleaning Kits

Founded in 1984, AFL is a global leader providing fiber optic products, equipment, and engineering services to the telecommunications, electric utility, wireless, energy, private network and OEM markets. AFL also serves a diverse mix of industry segments that include service providers, military and defense, mining, oil and gas, and biomedical.

AFL brings years of experience in developing solutions for customers, fostering a creative culture to drive and deploy innovative technologies that will improve communications for years to come. Our product line consists of fiber optic cable, optical connectivity, fusion splicers and test equipment as well as fiber management systems, closures and accessories.

AFL is dedicated to bringing our customers a quality product as well as delivering superior value.



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MU/LC
CleanerSC/ST/FC
CleanerODC
Cleaner2.5 Ultra
CleanerMU/LC Mini-100
CleanerSC Mini-100
Cleaner

One-Click Cleaners

With Innovative Push-to-Clean Design

The One-Click Cleaner is an easy-to-use option for cleaning connectors on jumpers and in adapters. Simply insert the One-Click Cleaner into an adapter and push until an audible “click” is heard. 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 One-Click Cleaner is a must-have for field technicians. Small enough to fit in a shirt pocket and a great addition to cleaning kits. Save your wrist – no more twist!

Rugged ODC® Version

With the increasing demand of Outdoor Connector (ODC) plug and socket styles, the ODC One-Click Cleaner – which cleans the ferrules in ODC plug, socket and 1.25 mm ferrules – is an essential cleaning tool for WiMax Base Station, Fiber-to-the-Antenna, Broadcasting and Surveillance Video technicians.

New! Compact One-Click Cleaner Mini-100

Save time and money with the One-Click Mini-100. Offering the same performance and technology as the original, the One-Click Cleaner is now available in an even smaller, more compact size. The One-Click Mini-100 is a low-cost solution for effectively cleaning SC, ST, FC, LC, MU and TFOCA connectors.

New! One-Click Ultra Cleaner 2.5

The new One-Click Ultra Cleaner 2.5 has an enlarged cleaning area to clean more of the connector end-face. The One-Click Ultra Cleaner 2.5 cleans up to a 2 mm diameter area of the connector end-face. The One-Click Ultra Cleaner is a superior cleaner for SC, ST, and FC connectors.

Features

- Cleans connectors on jumpers and in adapters
- ODC® version available
- Ergonomic, comfortable design with single action cleaning
- Precise mechanical action delivers consistent cleaning results
- Low cost per clean
- Effective on a variety of contaminants including dust and oils
- Automatic advance ensures each clean is performed with fresh cleaning tape
- Compliant with EU/95/2002/EC Directive (RoHS)
- Available with enlarged cleaning area up to 2 mm

One-Click Cleaners

Illustration of cleaning procedure for SC connectors

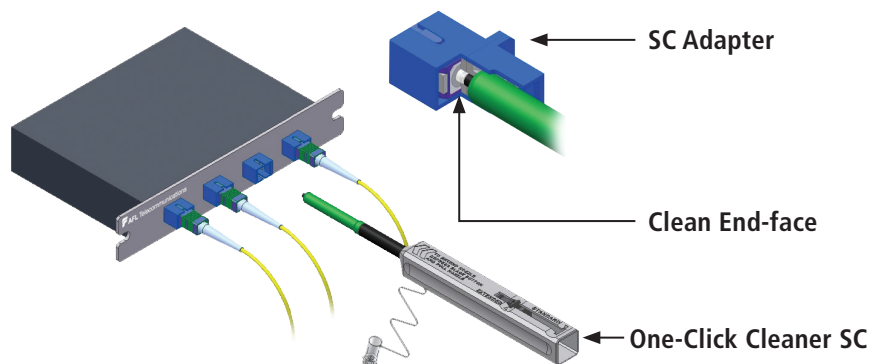


Illustration of cleaning procedure for SC connectors

Ordering Information

DESCRIPTION	AFL NO.
One-Click Cleaner SC, ST, FC (500 cleans)	8500-05-0001MZ
One-Click Cleaner LC/MU (500 cleans)	8500-05-0002MZ
One-Click Cleaner ODC® (outdoor connector, 500 cleans)	8500-05-0004MZ
One-Click Cleaner Mini-100 SC, ST, FC (100 cleans)	8500-05-0005MZ
One-Click Cleaner Mini-100 LC/MU (100 cleans)	8500-05-0006MZ
One-Click Ultra Cleaner 2.5 SC, ST, FC (enlarged cleaning area, 500 cleans)	8500-05-0007MZ

Dimensions

MU/LC, SC/ST/FC, ODC

- Base: 17.5 x 17.5 mm (0.68 x 0.68 in)
- Length: 172 mm (6.88 in)
- Extended length: 252 mm (9.92 in)
- Adjustable tip extends from 40 mm to 80 mm (1.77 to 3.15 in) to reach deep into panel

One-Click Mini-100

- Base : 17.5 x 30.16 mm (0.68 x 1.18 in)
- Length: 120.65 mm (4.75 in)

One-Click Ultra Cleaner 2.5

- Base: 22.22 x 33.34 mm (0.87 x 1.31 in)
- Length: 203.2 mm (8 in)

ODC is a registered trademark of Huber+Suhner.



NOYES®



NOYES® MPO Cleaner

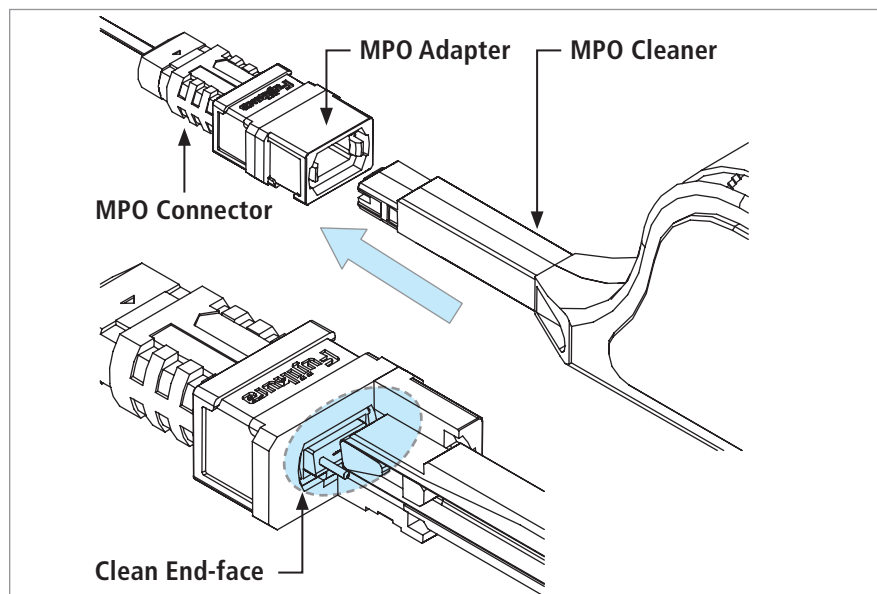
The MPO Cleaner is a high-performance device designed for cleaning the ferrule end-faces of MPO (MTP®) connectors. Cost effective tool for cleaning fiber end-faces without the use of alcohol. It saves time by effectively cleaning all 12 fibers at once. The MPO connector cleaner is designed to clean both exposed jumper ends and connectors in adapters.

Features

- Effective on a variety of contaminants including dust and oils
- Interchangeability with FOCIS-5 (MPO)
- Capable of cleaning ferrules with or without guide pins
- Capable of cleaning MPO ferrules inside or outside an MPO adapter
- Narrow design reaches tightly spaced MPO adapters
- Easy one-handed operation
- Up to 500 cleanings
- Low cost per clean

Applications

- Clean multimode and single-mode (angled) MPO connectors
- Clean MPO connectors in adapters
- Clean exposed MPO ferrules
- Great addition to cleaning kits



Ordering Information

DESCRIPTION	AFL NO.
MPO Connector Cleaner	CS000710

ODC is a registered trademark of Huber+Suhner.

MTP is a registered trademark of US Conec.





Cletop -S Series



Cletop Series

NOYES® 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.

Why Clean Fiber Connectors?

- Pits and scratches are often caused by dirt
- Dust, dirt, oils, etc. are everywhere and will migrate to exposed connector end-faces
- Dirty connectors attenuate signal levels and can increase digital bit error rates
- Always clean both connectors when mating / unmating to avoid contamination transfer

Cletop Cassette Cleaner Options

- Cletop Series – Original version (proven reliability)
- Cletop -S Series – Second generation cleaner offering the same Cletop cleaning performance with “Drop-in” replacement tape cartridge and ergonomic design that works equally well for left or right handed operators
- 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

Features

- Compact and lightweight design is ideal for use in laboratories, assembly lines, or in the field
- Consistent cleaning results without IPA alcohol, which is toxic, flammable, and leaves a residue on fiber ends (white haze)
- Excellent anti-static properties for static sensitive applications and to minimize reattachment of dust to ferrule after cleaning
- Simple push button shutter operation exposes cleaning tape only when in use – minimizing unwanted dust
- Replaceable and cost effective cleaning tape
- Over 400 wipes per tape

MTP is a registered trademark of US Conec.

NOYES® Cletop Cassette Cleaner Series

Specifications

PARAMETER	VALUE
Size	130 x 75 x 40 mm (5.1 x 3.0 x 1.6 in)
Weight	160 g/0.35 lb

Ordering Information

DESCRIPTION	AFL NO.
CLETOP – S SERIES	
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 ORIGINAL SERIES	
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 MT-RJ with pins (White Tape)	8500-10-0032MZ
Cletop for MPO/MTP with pins (White Tape)	8500-10-0033MZ
Replacement Tape Blue	8500-10-0012MZ
Replacement Tape White	8500-10-0015MZ

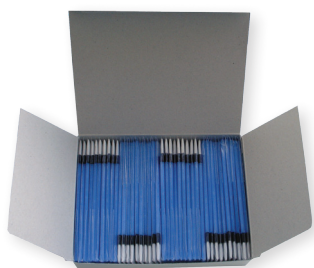




Type 2.5 mm



Type 1.25 mm



NOYES®

Cletop Adapter Cleaning Sticks

Cletop (ACT) adapter cleaning sticks are an easy to use efficient means of cleaning fiber optic connectors in adapters and cleaning adapter alignment sleeves. Cletop sticks are available in sizes for most common commercial connectors (ST, SC, FC, LC, MU), military connectors, and LEMO connectors for video applications. When connectors need to be cleaned inside adapters, you can rely on the Cletop stick.

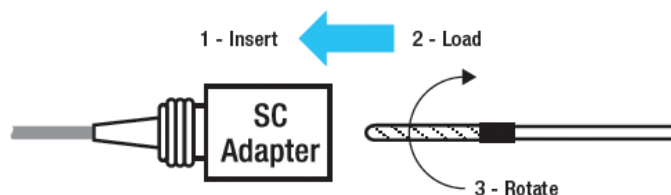
Features

- Easy to use and efficient. Delivers a consistently high level of cleaning performance.
- Easy to clean ferrule end-faces inside the plug-in fiber optic connectors and various adapters.
- Lightweight and safe to use. Compact and disposable.
- Suitable for cleaning inside adapters for dust control.

Ordering Information

DESCRIPTION	CONNECTORS	AFL NO.
ACT-01 — 2.5 mm Cletop Sticks (Box of 200)	FC, SC, ST, & D4	8500-10-0024MZ
ACT-02 — 1.25 mm Cletop Sticks (Box of 200)	LC & MU	8500-10-0022MZ
ACT-03 — 2.0 mm Cletop Sticks (Box of 200)	Military Termini.	8500-10-0023MZ
Double-ended 2.0/2.5 mm Cletop Sticks (Box of 100)	High definition television camera connectors such as LEMO.	8500-10-0030MZ
2.5 mm Cletop Stick with Guide Sleeve (Box of 100)		8500-10-0031MZ

Recommended Cleaning Procedure for ACT Cleaning Sticks



Procedure:

- 1. Insert:** Ensure that stick is held straight when inserting into sleeve.
- 2. Load:** Apply sufficient pressure (approx. 600-700 g) to ensure ferrule is a little depressed in sleeve.
- 3. Rotate:** Rotate stick clockwise 4-5 times, while ensuring direct contact with ferrule end-face is maintained.

Notes:

1. Number of possible wipes:
Maintenance (repair) ~1 use
Equipment construction: 4 uses (max.)
2. FCC2 Fluid will improve cleaning performance.



NOYES® FCC2 Fiber Connector Cleaner

FCC2 is a nonflammable, environmentally safe, residue-free solvent engineered to clean fiber connector end-faces. A new and improved design of the three-way dispenser is intended for easy one-handed use with fiber wipes, convenient wetting of CCT connector cleaning tips, and spray nozzle functionality. Packaged in unique, spill-proof containers, it can be shipped with tool kits so technicians avoid wasting time sourcing a cleaner locally. Offering high purity and fast, consistent cleaning, FCC2 was developed with and is packaged by Micro Care Corporation, a world leader in cleaning solvents.

Features

- New three-way dispenser in one convenient package
- Electrically conductive, FCC2 neutralizes “particle cling” by releasing ionic bonds that bind contaminants to the fiber end-face
- Double-filtered to 0.2 microns, this optical grade solvent leaves no residue when drying
- Less drying time than IPA Alcohol
- Low odor, nonflammable
- Ozone safe, environmentally safe, U.S. EPA SNAP approved
- Rated Not Hazardous/Not Regulated for all modes of transport, including air cargo
- Can be shipped with a fusion splicer or test equipment
- EU RoHS / WEEE Compliant – FCC2 is certified as a lead-free product and meets RoHS and WEEE standards.

Applications

- Designed for use with CCT Connector Cleaning Sticks
- Excellent for cleaning light oils, salts, moisture, fingerprints, dust, lint, grime, flux residues, and uncured epoxies
- With rapid drying time, the FCC2 is essential when cleaning connectors in adapters where airflow is minimal

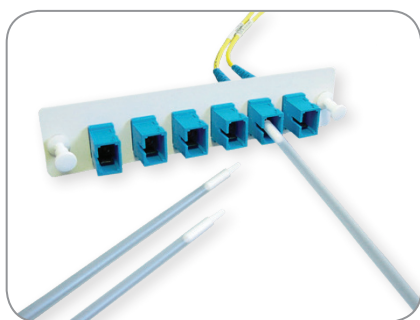
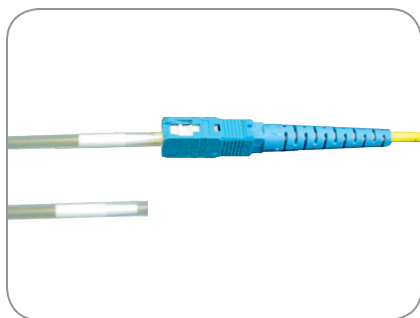
Note: While it is generally safe on plastics, testing is recommended when used on plastic optical fibers.

Health, Safety and Environmental Data

PARAMETER	VALUE
Flashpoint (TCC)	None
Weight	3 oz / 85 g
Safety Rating	Nonflammable
NFPA	Health: 1 Fire: 0 Reactivity: 1
Vapor Density (Air = 1)	4
Ozone Impact	Zero
TSCA Listed	No

Ordering Information

DESCRIPTION	AFL NO.
Fiber Connector Cleaner in 3 oz / 85 g can	FCC2-00-0900
Case of 12 cans	FCC2-00-0901



NOYES®

CCT - Connector Cleaning Tips

AFL offers a unique technology in fiber connector end-face cleaning.

Rather than a fabric-covered or foam-covered stick, we are offering a molded cleaning tip that will trap contamination and wick cleaning solvents from bulkhead connectors.

The cleaning tip is a molded, sintered polymer that is both porous and pliable conforming to virtually any fiber end-face polish geometry while trapping and absorbing contaminants.

Features

- Molded sintered polymer construction assures perfect bulkhead fit and consistent performance with each cleaning tip
- No fibers, binders, adhesives or outgassing that may contaminate the connector
- Traps and holds liquid and particle contaminants in an absorbent open cell matrix ranging from 10-25 microns
- The elastic cleaning head enhances entrapment of particles and oils, while allowing the tip to conform to virtually any fiber end-face geometry (8 degree, domed polish, etc.)
- Very absorbent
- U.S. and Foreign patents pending

Tip Configurations

- **CCTS and CCTX series:** cleaning tip is exposed for cleaning ferrule end-faces in alignment sleeves that are recessed within sockets or bulkhead adaptors.
- **CCTP series:** cleaning tip is recessed in the "straw" for cleaning exposed ferrules and termini (jumpers). Fits 2.5 mm and smaller ferrules.

Applications

- Dual-head design permits wet and dry cleaning in one swab
- Solvent and chemical resistant, not physically altered by solvent contact
- Designed to work with Noyes FCC2, Fiber Connector Cleaner
- Most connectors cleaned the first time

Ordering Information

Cleaning tips are available for most common commercial and Mil Spec ferrule sizes.

SIZE (diameter of ferrule or termini)	TYPE	COMMENTS	AFL NO.
2.5 mm	Pin	Examples: SC, ST, FC, etc.	CCTP-25-0900
2.5 mm	Socket	Examples: SC, ST, FC, etc.	CCTS-25-0900
2.0 mm	Pin	Mil T 29504/14 For Mil C 28876	CCTP-25-0900
2.0 mm	Socket	Mil T 29504/15 For Mil C 28876	CCTS-16-0900
1.6 mm	Pin	Mil T 29504/04 For Mil C 38999	CCTP-25-0900
1.6 mm	Socket	Mil T 29504/05 For Mil C 38999	CCTS-16-0900
1.25 mm	Pin	Examples: LC, MU	CCTP-25-0900
1.25 mm	Socket	Examples: LC, MU	CCTS-12-0900
MT ferrule	Pin	Examples: MPO, MPX®	CCTX-MT-0900
MT ferrule	Socket	Examples: MPO, MPX®	CCTX-MT-0900

MPX is a registered Trademark of TYCO Electronics Corp.





NOYES® FPF1 Fiber Prep Fluid

FPF1 fluid is a nonflammable, nonhazardous cleaner for use on optical fiber after stripping, prior to termination or fusion splicing, and for cleaning connector end-faces after polishing. A new and improved design of the three-way dispenser is intended for easy one-handed use with fiber wipes, convenient wetting of CCT connector cleaning tips, and spray nozzle functionality. Packaged in unique, spill-proof containers, it can be shipped with tool kits so technicians avoid wasting time sourcing a cleaner locally. Offering high purity and fast consistent cleaning, FPF1 was developed with and is packaged by Micro Care Corporation, a world leader in cleaning solvents.

Features

- New three-way dispenser in one convenient package
- Electrically conductive, FPF1 neutralizes “particle cling” by releasing ionic bonds that bind contaminants to the fiber end-face
- Double-filtered to 0.2 microns, this optical grade solvent leaves no residue when drying
- Less drying time than IPA Alcohol
- Low odor, nonflammable
- Ozone safe, environmentally safe, U.S. EPA SNAP approved
- Rated Not Hazardous/Not Regulated for all modes of transport, including air cargo.
- Can be shipped with a fusion splicer or test equipment
- EU RoHS / WEEE Compliant – FCC2 is certified as a lead-free product and meets RoHS and WEEE standards.

Applications

- Cleaning optical fibers prior to termination or fusion splicing
- Excellent for cleaning light oils, salts, moisture, fingerprints, dust, lint, grime, flux residues, and uncured epoxies

Note: While it is generally safe on plastics, testing is recommended when used on plastic optical fibers

Health, Safety & Environmental Data

PARAMETER	VALUE
Weight	85 g / 3 oz
Flashpoint (TCC)	None
Safety Rating	Nonflammable
NFPA	Health: 1 Fire: 0 Reactivity: 1
Vapor Density (Air = 1)	4
Ozone Impact	Zero
TSCA Listed	No

Ordering Information

DESCRIPTION	AFL NO.
Fiber Prep Fluid in 85 g / 3 oz can	FPF1-00-0900
Case of 12 cans	FPF1-00-0901



FiberWipes



FiberAide 1

Features

- Lint free
- Sized for fiber and connector cleaning
- Robust and tear-resistant

NOYES® 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. Packaged in a clean room, the fabric is considered "fiber optic grade." FiberWipes are available in rugged mini-tubs (90 wipes) or in hermetically sealed individual packages (FiberAide 1) and are the perfect size for tool kits and test kits.

Applications

- Cleaning optical fibers prior to termination or splicing
- Cleaning fiber optic connector end-faces
- Cleaning lenses, mirrors, and other optical surfaces

FiberWipes

- Small package footprint ideal for a laboratory or field use
- Rugged 90-wipe mini-tub keeps wipes clean and dry prior to use
- Octagonal cover minimizes rolling distance if dropped
- Solvent safe; may be moistened to provide wet / dry cleaning
- Instructions for use on the side of the tub

FiberAide 1

- Hermetically-sealed wipes remain uncontaminated and ready for use
- Foil backed wipes protect skin from cleaning solvents and cable gel
- Packaging contains no glues to leach out
- Button hole for placement on panel board or keychain
- Ideal for shipping with OEM equipment to prevent contamination of fiber surfaces at installation
- Solvent safe; may be moistened to provide wet / dry cleaning
- Pictorial instructions on each package

Specifications

PRODUCT	WIPE SIZE	PACKAGE SIZE	PACKAGE WEIGHT
FiberWipes	4.25" W x 2" H	3" Dia x 3" H	2.6 oz
FiberAide 1	2.75" W x 1.5" H	4.25" W x 2.75" H	0.6 oz / 10 packets

Ordering Information

DESCRIPTION	AFL NO.
FiberWipes – case of 24 mini-tubs (2160 total wipes, 90 wipes per mini-tub)	9000-03-0026MZ
FiberAide 1 – case of 600 packets (60 bundles, 10 packets per bundle)	9000-03-0027MZ

FiberWipes is a trademark of MicroCare Corporation.
FiberAide 1 is patent pending.





FCP1 Series Cleaning Kit



C182120 Cleaning Kit

NOYES® Fiber Optic Cleaning Kits

AFL offers a complete selection of fiber optic cleaning kits for field cleaning of connector end faces in fiber frames, adapters and on jumpers. Using our exclusive FCC2 and FPF1 non hazardous cleaning fluids and CCT molded cleaning tips, the AFL cleaning kits deliver compact, safe, easy-to-use, reliable cleaning for all types of fiber optic connector end-faces including Military and Multiple Fiber Ferrule designs.

Kit Contents by Application

APPLICATION	CLEANING MATERIALS	DESCRIPTION
For cleaning connector end-faces within alignment sleeves (bulkhead adaptors, female socket connectors)	FCC2	Optical quality cleaning fluid
	CCTS-25	2.5 mm cleaning tips for FC, SC, ST type standard connectors
	CCTS-12	1.25 mm cleaning tips for LC, MU type small form factor connectors
	CCTS-16	1.6mm cleaning tips for 2.0 mm and 1.6 mm termini in military connectors and D4 connectors
For cleaning ferrule end-faces that are exposed (jumpers and patch cords)	FCC2	Optical quality cleaning fluid
	Cletop	Reel type cleaner
	CCTP-25	Universal cleaning tip for exposed ferrule and termini end-faces on jumpers or military connectors
For cleaning alignment sleeves	FCC2	Optical quality cleaning fluid.
	ACT01	2.5 mm swabs for FC, SC, ST type standard connectors
	ACT02	1.25 mm swabs for LC, MU type small form factor connectors
	Cletop Stick-Type	2.0 mm swabs for D4 connectors
Additional options	Canned air	For cleaning work area
	VS 300	Optical or video microscope for end-face inspection
	OFS 300-200	
	OFS 300-400	
For cleaning fibers prior to fusion splicing or installing FAST™ connectors	FPF1	Optical quality cleaning fluid
	FiberWipes™	Lint free, tear-resistant wipes

See individual data sheets for specification on individual supplies.

Ordering Information

A wide variety of pre-stocked kits makes ordering easy. Choose from the standard kits listed on page 13 or call us at 800-321-5298 for a custom kit to meet your application needs. To keep your cleaning kits stocked and ready for use, page 14 lists individual cleaning items (refills).

NOYES® AFL Cleaning Kits Selection Guide

Cleaning Supplies

Each kit consists of a wall or rack-mountable carry case, FCC2 cleaning fluid, and color-coded instructions.

Each VS300 Scope includes 2.5 mm Universal Cap.

Each stick is double ended, designed for two (2) cleanings.

AFL NO.	OLD PART NO.	CCTS-25-0900 40 pieces for FC, SC, ST adapters BLUE	CCTS-12-0900 40 pieces for LC, MU adapters GREEN	CCTS-16-0900 40 pieces for D4 and Mil socket adapters ORANGE	CCTP-25-0900 20 pieces for all connector end YELLOW	CCTX-MT-0900 20 pieces for MTP®, MPO, MPX® PINK	CLETOP TYPE	VS 300 VIEW SAFE SCOPE
SOFT CASE CLEANING KITS								
FCP1-00-0900		1	1		2		A	
FCP1-00-0901		1			2		SB	
FCP1-00-0902		1			2			
FCP1-00-0903		1	1	1	2	2		
FCP1-00-0904		1	1	2	6			
FCP1-00-0905		1	1	1	2		SB	
FCP1-00-0906		1	1	1	2			
FCP1-00-0907	FCP1-37A	3	1		1	1		
FCP1-00-0908	FCP1-37B	3	1		1	1	SB	
FCP1-00-0909	FCP1-25D	3			1			
FCP1-00-0912	FCP1-25F	5			1			
FCP1-00-0913	FCP1-25A	3			1		SB	
FCP1-00-0914	FCP1-37C	2	1		1		SB	
FCP1-00-0915	FCP1-37D	3	1	1	4	1		
FCP1-00-0916	FCP1-GBE1	2	1		1		SB ^a	
FCP1-00-0917	FCP1-LM1	2		2	6			
FCP1-01-0900		1			2		A	1
FCP1-01-0901		1			2			1
FCP1-01-0902		1	1	1	2		SB	1 ^b
FCP1-01-0903		1	1	1	2			1 ^b
FCP1-01-0904		2	2		2		A	1 ^b
FCP1-01-0905		1	1		2	1	SB	1
HARD CASE CLEANING KITS								
FCP1-02-0901PF		3	3		2		SB	1 ^c
C182120	AFL Connector/Adapter Cleaning Kit includes: Cletop –SB (Qty = 1), Replacement Reel for Cletop –SB (Qty = 1), ACT-01 Cleaning Tips for 2.5 mm adaptors (Qty = 20), 2 mini-tubs of FiberWipes (Qty = 90 wipes per mini-tub) , Can of Fiber Prep Cleaning Fluid (Qty = 1).							

Notes:

- Includes SB replacement cartridge.
- Includes 2.0 mm and 1.25 mm Universal Cap.
- Includes 1.25mm Universal Cap.

MTP is a registered trademark of US Conec.

MPX is a registered Trademark of TYCO Electronics Corp.



NOYES®

AFL Cleaning Kit Restocking Guide

Cleaning Fluids and CCT Double Ended Cleaning Sticks

DESCRIPTION	AFL NO.
FCC2 - Fiber Connector Cleaner: Optical Quality Cleaning Fluid for fiber connector end faces - nonflammable, not hazardous, not regulated (Including air-cargo).	FCC2-00-0900 FCC2-00-0901
FPF1 - Fiber Preparation Fluid: Optical Quality Cleaning Fluid for cleaning optical fiber (after stripping) before field termination or fusion splicing. Also works well as connector end face cleaner after polishing and as electrical contact cleaner - nonflammable, not hazardous, not regulated (including air-cargo).	FPF1-00-0900 FPF1-00-0901
Connector Cleaning Tips for exposed 2.5 mm, 2.0 mm, 1.6 mm ferrules and termini (FC, SC, ST, LC, MU, etc., jumpers and male Mil C 38999 & 28876). Yellow (20 sticks per tube).	CCTP-25-0900
Connector Cleaning Tips for 2.5 mm ferrule in adapters or sockets (SC, FC, ST, etc. in adapters). Blue (40 sticks per tube).	CCTS-25-0900
Connector Cleaning Tips for 1.25 mm ferrule in adapters or sockets (LC, MU, etc., in adapters). Green (40 sticks per tube).	CCTS-12-0900
Connector Cleaning Tips for MT-RJ connectors and 2.0 mm and 1.6 mm termini in sockets (female Mil C 38999 & 28876 and MT-RJ both jumpers and adapters). Orange (40 sticks per tube).	CCTS-16-0900
Connector Cleaning Tips for Biconic & MT ferrule connectors both jumpers and in adapters (Biconic, MTP®, MPO, MPX®, etc.) Pink (20 sticks per tube).	CCTX-MT-0900

Notes:

For best results, use CCT sticks with FCC2 fluid.

Cletop Cassette Cleaner Options

DESCRIPTION	AFL NO.
Cletop –S Series	
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 Original Series	
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 MT-RJ with pins (White Tape)	8500-10-0032MZ
Cletop for MPO/MTP with pins (White Tape)	8500-10-0033MZ
Replacement Tape Blue	8500-10-0012MZ
Replacement Tape White	8500-10-0015MZ

MTP is a registered trademark of US Conec.

MPX is a registered Trademark of TYCO Electronics Corp.



NOYES® AFL Cleaning Kit Restocking Guide

Cletop (ACT) Cleaning Sticks

DESCRIPTION	AFL NO.
ACT-01 2.5 mm single-ended sticks (box of 200) for FC, SC, ST, & D4	8500-10-0024MZ
ACT-02 1.25 mm single-ended sticks (box of 200) for LC & MU	8500-10-0022MZ
ACT-03 2.0 mm single-ended sticks (box of 200) for military and high-definition video (LEMO)	8500-10-0023MZ
2.0/2.5 mm double-ended sticks (box of 100) for military and high-definition video (LEMO)	8500-10-0030MZ
2.5 mm single-ended sticks w/ guide sleeve (box of 100) military and high-definition video (LEMO)	8500-10-0031MZ

FiberWipes

DESCRIPTION	AFL NO.
FiberWipes – case of 24 mini-tubs (2160 total wipes, 90 wipes per mini-tub)	9000-03-0026MZ
FiberAide 1 – case of 600 packets (60 bundles, 10 packets per bundle)	9000-03-0027MZ

Refills for Test & Inspection Kits

DESCRIPTION	INCLUDES	AFL NO.
Wet Cleaning Kit	8500-10-0016MZ, Cletop-SB. CCTS-25-0900, Connector Cleaning Tips for 2.5mm ferrule in adapters or sockets (SC, FC, ST in adaptors). Blue (1 tube = 40 sticks). CCTS-12-0900, Connector Cleaning Tips for 1.25mm ferrule in adapters or sockets (LC, MU, etc., in adaptors). Green (1 tube = 40 sticks). FCC2-00-0900, Optical Quality Cleaning Fluid for fiber connector end faces.	8500-20-0900
Dry Cleaning Kit	8500-10-0016MZ, Cletop -SB. 8500-10-0024MZ, ACT-01 2.5 mm adapter cleaning tips – Qty = 200.	8500-20-0901





Splicer V-Groove Cleaning Refill Kit



CS-1 Cotton Swabs

Splicer V-Groove Cleaning Kit

Today's splicing equipment is fast, efficient, and requires minimal maintenance due to advances in splicing technology. However, contamination in the v-groove of the splicer is still a primary source of trouble for the splicing technician. This is especially problematic when splicing with a fixed v-groove fusion splicer. Environmental contamination, such as dust, dirt, and fiber coating debris, as well as the silica deposits generated during the fusion process, eventually find their way to the surface of the v-groove. This contamination will offset the fibers and degrade performance. To help control this problem, a disciplined cleaning regimen and specific tooling is required to ensure the splice is right the first time.

To solve cleaning needs, AFL offers the Splicer V-Groove Cleaning Kit. This product integrates eight components into an affordable and effective inspection and cleaning solution for any fusion splicer. Small and lightweight, it fits easily into the Fujikura splicer transit case or it can be carried separately in its own carrying case.

Kit Includes

- Scrubber Brush with stiff tapered nylon bristles
- Sweeper Brush with soft nylon bristles
- Eye Loupe with 3X to 12X magnification
- LED Pen Light with momentary or constant on switching
- Cleaning Fluid that is nonflammable and environmentally safe
- Lint-free Cotton Swabs
- Instruction Sheet with illustrations
- Canvas Carrying Case

Refill Kit Includes

To replenish the consumables within the kit, AFL provides a refill kit that includes the following components:

- One can of FPF1 Cleaning Fluid
- One Scrubber Brush
- One Sweeper Brush
- Ten packs CS-1 Cotton Swabs (250 swabs)

Ordering Information

DESCRIPTION	AFL NO.
Splicer V-Groove Cleaning Kit	S014397
Splicer V-Groove Cleaning Refill Kit	S014416
CS-1 Cotton Swabs (pack of 25 swabs)	S003719

Please contact your AFL Sales Representative for information about our other products or services.

**FIBER OPTIC CABLE
(OPGW, ADSS, Loose Tube)**



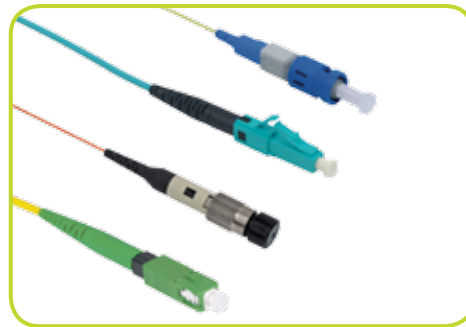
**TEST AND INSPECTION
EQUIPMENT**



**FUSION SPLICING
SYSTEMS AND ACCESSORIES**



**FIELD-INSTALLABLE
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