



## 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

- Effective for removing oil, dust, and dirt particulates
- Ergonomic design with single action cleaning
- Reliable cleaning with precise mechanical action; low cost per clean
- Several models available for a variety of single and multi-fiber connectors

### MODELS

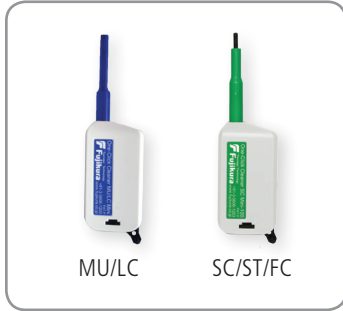
- Original One-Click Cleaner (SC/ST/FC, LC/MU, ODC, hardened SC/APC [OptiTap®])
- Compact One-Click Cleaner Mini (SC/ST/FC, LC/MU)
- One-Click Cleaner Ultra 2.5 (SC/ST/FC)
- One-Click Cleaner D-LC (Duplex LC)
- One-Click Cleaner MPO (MPO/MTP)

### 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 LC/MU (500+ cleans)	8500-05-0002MZ
One-Click Cleaner ODC (rugged version for outdoor connector)	8500-05-0004MZ
One-Click Cleaner SC, ST, FC (box of 5 units)	8500-05-0021MZ
One-Click Cleaner LC/MU (box of 5 units)	8500-05-0022MZ

# One-Click Cleaners



One-Click Cleaner Mini-500



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. The One-Click Mini is offered as a low cost solution with 100+ cleans per unit and 500+ cleans per unit as the original One-Click.

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

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

**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** designed to clean MPO and MTP® multi-fiber connectors used in Data Centers and other high density optical networks.

DESCRIPTION	AFL NO.
One-Click Cleaner Ultra 2.5 SC, ST, FC (enlarged cleaning )	8500-05-0007MZ
One-Click Cleaner D-LC, Duplex LC (500+ cleans X2)	8500-05-0008MZ
One-Click Cleaner MPO (MPO/MTP®, 500 cleans)	8500-05-0030MZ

# 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 one-push action cleans connectors on jumpers or in adapters
- **NEOCLEAN-E** for SC, FC, ST, E2000, LC and MU connectors with UPC or APC polishes
  - Simple to use refillable design features replaceable cleaning cartridge
  - 750 cleans per cartridge; low cost per clean
- **NEOCLEAN-M** for MPO/MTP and hardened MPO (OptiTip®) connectors
  - 600 cleans per unit; low cost per clean

## 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 OptiTap connectors, 750 cleans	8500-15-0901MZ
NEOCLEAN-E3 for SC, ST, FC, E2000 with UPC/APC polishes and OptiTap connectors, 750 cleans	8500-15-0902MZ
NEOCLEAN-M for MPO/MTP connectors, 600 cleans	8500-15-0909MZ
Pack of 3 replacement cartridges for NEOCLEAN-E1, 750 cleans each	8500-15-0903MZ
Pack of 3 replacement cartridges for NEOCLEAN-E2, 750 cleans each	8500-15-0904MZ
Pack of 3 replacement cartridges for NEOCLEAN-E3, 750 cleans each	8500-15-0905MZ

## Reel-types Cleaners

Reel-type cleaners are a safe cleaning option without the need for alcohol, which can be toxic and flammable. They have refillable cleaning tapes making them ideal for lab, assembly lines and field use. Reel-type cleaners feature simple push button shutter operation, which makes cleaning connectors quick and easy.



### Cletop Cleaners

Cletop cleaners quickly and effectively clean a variety of connectors and provide refillable cleaning tapes with 400 cleans per tape.

DESCRIPTION	AFL NO.
Cletop –SB with White Tape	8500-10-0016MZ
Replacement Tape Type S - White	8500-10-0017MZ
Cletop Type A with Blue Tape	8500-10-0027MZ
Cletop Type B with Blue Tape	8500-10-0028MZ
Replacement Tape Type A and B – Blue	8500-10-0012MZ



### CleanConnect 500

Each replaceable cleaning tape reel cleans over 500 connectors making the CleanConnect 500 a cost effective cleaning tool. The CleanConnect 500 cleans a wide variety of UPC and APC connectors such as SC, FC, ST, LC, MU, E2000, and others.

MODEL AND DESCRIPTION	AFL NO.
CleanConnect 500 Optical Fiber Connector Cleaner, 500 Cleans	8500-30-0900MZ
CleanConnect 500 Replacement Reel, 500 Cleans	8500-30-0901MZ

# 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. Packaged in unique, spill-proof containers, it can be shipped with connector cleaning and termination 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

- Not Hazardous/Not Regulated for all modes of transport, including air cargo
- Unique dispenser for use with AFL Connector Cleaning Tips and FiberWipes
- Up To 400+ cleanings per can
- Dries without a residue, unlike alcohol
- Dissipates static charge
- Safe on all surfaces including soft plastics

## EU RoHS and WEEE Compliant

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

## 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
- Compact size fits easily into tool kits, instrument cases, termination kits, and inspection kits
- Perfectly cleans all optic components

DESCRIPTION	AFL NO.
Fiber Connector Cleaner and Preparation Fluid in 3 oz / 85 g can	FCC2-00-0902
Fiber Connector Cleaner and Preparation Fluid , Case of 12 cans	FCC2-00-0903

# 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
FiberAide1	Hermetically sealed wipe for single use. Sold in case of 600 wipes (12 – 50 pack bags)	9000-03-0027MZ



## CleanWipes™

The Sticklers™ brand CleanWipes are a convenient cleaning tool designed for high-speed cleaning of optical jumpers and patch cords. Its designs enables technicians to clean fiber optic end-faces at the lowest possible cost per clean.

MODEL	DESCRIPTION	AFL NO.
CleanWipes 400	CleanWipes - box with 400 optical quality wipes	9000-03-0029MZ
CleanWipes 3200	CleanWipes - box with 3200 optical quality wipes	9000-03-0030MZ

# Wipes and Cleaning Cards



## OPTIPOP-C

The OPTIPOP-C cloth card cleaner uses a unique, densely woven micro fiber cloth that provides a superior connector cleaning performance. It minimizes static charge to ensure that dust and dirt particles are not instantly attracted back to the connector end-face. The card cleaner effectively removes contaminants such as oil, dust and dirt particulates that cause high insertion loss and reflectance that lead to connector damage and network failures.

MODEL	DESCRIPTION	AFL NO.
OPTIPOP-C	OPTIPOP Card Cleaner case, 10 cleaning cards, 120 cleanings - 12 per card	8500-25-0900MZ
OPTIPOP-C Refills	OPTIPOP Refill Cards, 100 cards, 1200 cleanings - 12 cleanings per card	8500-25-0901MZ

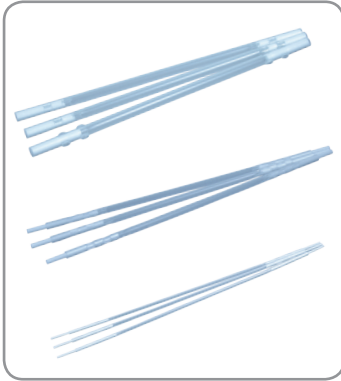


## Kimwipes

Kimwipes are specially designed paper fiber optic cleaning wipes which can be used for cleaning laboratory equipment and instruments, camera lens, fiber optic connectors and other electronic items. These delicate task wipes have been specially designed for cleaning those surfaces where the presence of minimal lint or dust can interfere with the normal functioning of the equipment or electronic item.

DESCRIPTION	AFL NO.
Kimwipes box of 280 wipes	9000-03-0002

# 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
For Biconic and MT ferrule connectors both jumpers and in adapters (Biconic, MTP, MPO, MPX, etc.)	CCTX-MT-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.
<b>ACT-01:</b> 2.5 mm single-ended sticks for cleaning SC, ST, FC connectors in adapters	8500-10-0024MZ
<b>ACT-02:</b> 1.25 mm single-ended sticks for cleaning LC and MU connectors in adapters	8500-10-0022MZ
<b>ACT-03:</b> 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 fiber optic cleaning products for field cleaning of connector end-faces in a convenient duffel bag style carry case. These popular kits are now available with inspection and loss testing options. All kits combine Base Package plus various cleaning accessories as well as inspection and test equipment. Base Package includes FCC2 cleaning fluid, FiberWipes, Cletop SB.

DESCRIPTION	AFL NO.
<b>Basic Kit</b> - includes Base Package, One-Clicks (SC/ST/FC & LC/MU) and carry case	FCP2-00-0900
<b>Refill for Basic Kit</b> - includes Base Package, One-Clicks (SC/ST/FC & LC/MU)	FCPR-00-0900
<b>Basic MPO Kit</b> - includes Base Package, One-Clicks (MPO, SC/ST/FC & LC/MU) and carry case	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 Cleaning Tips, FiberWipes, Cletop Cartridge Cleaner, and Cletop (ACT) Cleaning Sticks.

DESCRIPTION	AFL NO.
Includes Cletop type A, FCC2 Cleaning Fluid, (2) CCTP-25-0900MZ, (1) CCTS-25-0900, (1) CCTS-12-0900 Cleaning Tips	FCP1-00-0900
Includes VS300 View Safe Scope, Cletop –SB, FCC2 Cleaning Fluid, (2) CCTP-25-0900, (1) CCTS-25-0900, (1) CCTS-12-0900, and (1) CCTS-16-0900 Cleaning Tips	FCP1-01-0902

Additional kit configurations are available, visit us at [www.AFLglobal.com](http://www.AFLglobal.com).

# FOCIS Flex Fiber Optic Connector Inspection System

FOCIS Flex is the world's smallest, fastest, self-contained fiber connector inspection probe. Its innovative, ultrafast auto-focusing system auto-centers, captures and analyzes the optical fiber end-face, displaying "Pass/Fail" results on the built-in screen in one push of a button. Results can be transferred wirelessly to smart devices or FlexTester and FlexScan OTDRs.

The FOCIS Flex offers built-in pass/fail analysis to IEC 61300-3-35, IPC or user set criteria. The device can also be used for OptiTap and MTP/MPO inspections with AFL adapters.



## FEATURES

- Auto-focus and auto-centering for fast, easy inspection
- Untethered operation simplifies access at patch panels
- Pass/fail analysis using IEC 61300-3-35, IPC or user-defined criteria
- Self-contained, compact, hand-held inspection solution
- Use independently, or Bluetooth pair with FlexTester or FlexScan OTDR

## APPLICATIONS

- Inspect connectors on patchcords or in bulkhead adapters
- Optical network installation, troubleshooting and maintenance
- Assure critical fiber infrastructure performs properly
- Keep fiber connections working at optimal performance levels

## ORDERING

DESCRIPTION	AFL NO.
FOCIS Flex, soft carry case/holster, AC charger, wrist strap, no tips	FOCIS-FLX-P4XN
FOCIS Flex, soft carry case/holster, AC charger, wrist strap, UPC bulkhead and UPC ferrule tips (1 ea), One-Click Cleaner	FOCIS-FLX-P4XU
FOCIS Flex, soft carry case/holster, AC charger, wrist strap, APC bulkhead and APC ferrule tips (1 ea), One-Click Cleaner	FOCIS-FLX-P4XA

Purchase in Kit with FlexTester or FlexScan OTDR and save!

For details, see FOCIS Flex, FLX380, OFL280 or FlexScan product profiles at [www.Aflglobal.com/Test](http://www.Aflglobal.com/Test).

# FOCIS WiFi PRO Fiber Optic Connector Inspection Systems

The FOCIS WiFi PRO system combines AFL's powerful fiber connector inspection and analysis with the familiar ease of a smart device. FOCIS WiFi PRO works the way you do – connected to your phone or tablet. FOCIS WiFi PRO enables mobile workers to complete remote fiber optic connector inspection tasks while remaining connected to coworkers and managers.

The AFL FOCIS application software enables users to view live images on their smart devices, save, recall and share saved end-face images via e-mail, text or mobile cloud applications like Dropbox and Google Drive.



## FEATURES

- Automatically analyze connector integrity and save, recall and share results via email or cloud applications
- IEC 61300-3-35, AT&T TP-76461 and user-defined pass/fail criteria
- Full pass/fail analysis in less than 1 second
- Compatible with iPhone and iPad (iOS7)
- Compatible with Android™ 2.3.3 and up

## APPLICATIONS

- Enterprise and Campus Networks
- Data Center patch panels, trunks, patch cords and equipment terminations
- Long-haul, Metro Core and Access Links
- Broadband and CATV Networks
- Access network cabinets and drops

## ORDERING

MODEL AND DESCRIPTION	AFL NO.
FOCIS WiFi PRO UPC Kit with adapter tips and cleaners	FMPR-00-04XU
FOCIS WiFi PRO APC Kit with adapter tips and cleaners	FMPR-00-04XA
FOCIS WiFi PRO MPO Kit with adapter tips and cleaners	FMPR-00-04XM
FOCIS WiFi PRO Data Center Kit with adapter tips and cleaners	FMPR-00-04XD

# DFS1 Digital FiberScope

The DFS1 Digital FiberScope supports magnified video inspection of optical fiber connector end-faces during fiber optic cable and connector installation and maintenance. The DFS1 connects via USB port to AFL's FOCIS series, M-Series OTDRs and C-Series OTDRs or Certification Testers to display and archive inspection images. An extensive array of adapter tips is available to support inspection of all commonly used fiber optic connectors. Fiber end-faces may also be viewed on a PC (using AFL SimpleView™ software) by connecting the DFS1 to the PC's USB port.



## FEATURES

- 400x magnification
- Fast, easy focus and display capture
- Extensive assortment of adapter tips
- Adapter tips easily changed; no tools required

## APPLICATIONS

- Ideal for telco, broadband and enterprise applications
- Optical connector and bulkhead adapter inspection
- Powered from USB; no batteries required

## ORDERING

MODEL AND DESCRIPTION	AFL NO.
DFS1 Digital FiberScope PC/UPC Inspection Kit	DFS-00-04XU
DFS1 Digital FiberScope APC Inspection Kit	DFS-00-04XA
DFS1 USB Digital Fiber Inspection Kit without adapters	DFS-00-04XN

## AFL SimpleView™ Fiber Inspection Software

AFL SimpleView Fiber Inspection Software is an application that permits the AFL DFS1 Digital FiberScope to be used with Windows® XP or Windows® 7 computers. AFL SimpleView software provides a live, high-resolution video image of the end-face of an optical fiber. This capability enables fiber installers and network technicians to inspect and troubleshoot optical fibers and verify that they are clean and undamaged.

AFL SimpleView software is available as a free download from AFL, [www.AFLglobal.com](http://www.AFLglobal.com).

## Accessories

AFL offers an extensive array of fiber optic test and inspection accessories, cleaning supplies, and test reporting software.

- OTDR launch and receive/tail cords - Fiber Rings
- Custom-designed Network Simulators
- Encircled Flux (EF) Modal Conditioners
- Encircled Flux (EF) Reference Grade Test Cords
- Mandrels for Multimode Link Testing
- TRM® 2.0 Test Results Manager PC software
- Connector adapters for fiber optic testers
- Adapter tips for inspection products
- Multimode Test Jumpers (62.5/125 µm - 2 meters)
- Single-mode Test Jumpers (9/125 µm - 2 meters)
- Mating Adapters (Bulkheads)
- Bare Fiber Test Accessories
- Power Supplies and Cords
- And much more at [www.Aflglobal.com/Test](http://www.Aflglobal.com/Test)

## 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. Many test standards require annual calibration. Authorized AFL calibration facilities are ISO 9001 certified, traceable to the National Institute of Standards and Technology, and in compliance with ANSI/NCSL Z540-1, ISO 10012-1. AFL has an authorized calibration/repair facility for AFL products in the USA, Europe and Asia Pacific.

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and Accessories contact us at  
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#### **FOCIS WiFi KIT WITH CLEANERS**



#### **BASIC MPO INSPECTION & CLEANING KITS**



#### **CLEANING, INSPECTION AND TEST KITS**

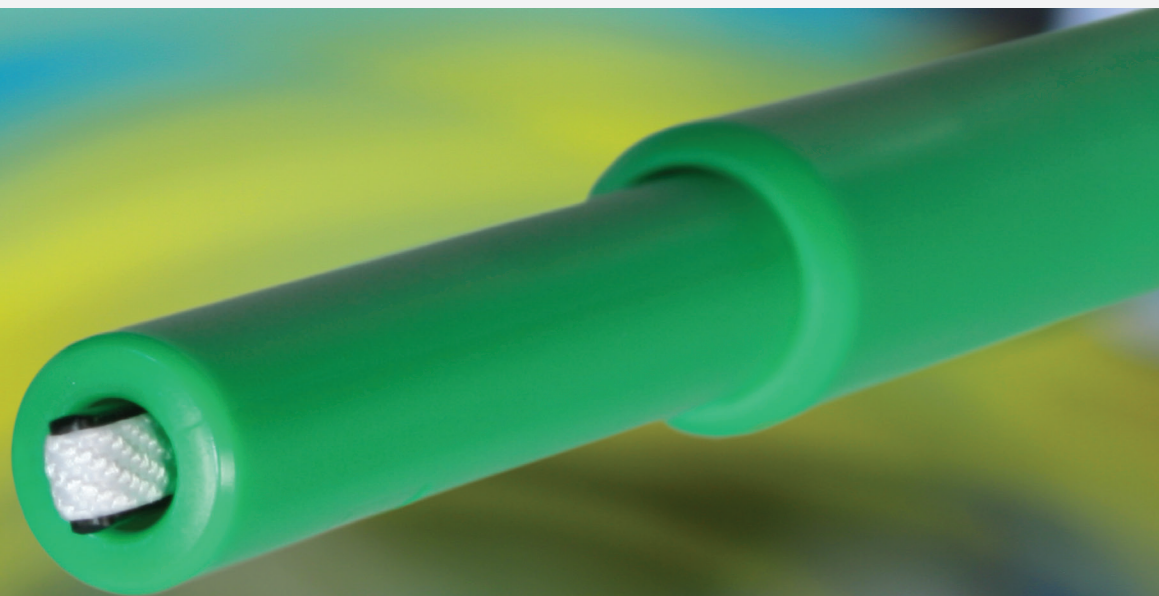


#### **SPLICER V-GROOVE CLEANING KITS**





**AFL**



[www.AFLglobal.com](http://www.AFLglobal.com) or (800) 321-5298, (603) 528-7780

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