

Push-Type Cleaners

One-Click® Cleaners

NEW



SC PRO



LC PRO



SC/ST/FC



MU/LC



Mini-100
SC, ST, FC



Mini-100
MU/LC



Ultra 2.5



D-LC

Features

- Patented single-action cleaning in a small ergonomic design
- Variety of sizes and types for different connector styles
- Cleans connectors in both jumpers and bulkhead adapters
- Low cost per clean

Applications

- Removing oil, dust, and dirt without damaging delicate fiber end-faces
- Both dry and wet cleaning (add cleaning fluid)
- Clean connectors in tight spaces
- Field or laboratory use

One-Click Cleaner

Easy-to-use solution for cleaning fiber optic connectors on jumpers and in adapters. Since over 85% of network outages are attributed to dirty and/or damaged connectors, it is critical to clean every connector! The patented 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. It is a favorite of field technicians for its ease of use, durability, effectiveness, and small size.

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.

Compact One-Click Cleaner Mini - Offering the same technology and performance as the original, the One-Click Cleaner mini enables cleaning connectors in tighter places. Its smaller size also makes it a great addition to test kits and cleaning kits. The mini One-Click Cleaners come in both 100+ or 500+ cleans per unit.

One-Click Ultra Cleaner 2.5 - The One-Click Ultra Cleaner 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 Ultra Cleaner 2.5 is a superior cleaner for SC, ST, and FC connectors.

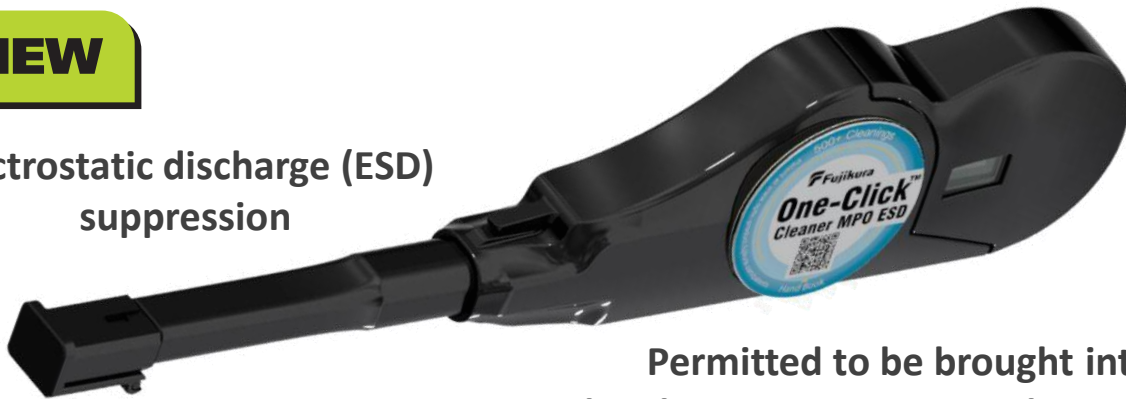
One-Click Cleaner D-LC (Duplex LC) - The One-Click Cleaner D-LC cuts cleaning time in half by effectively cleaning both connectors of a duplex LC connector simultaneously. Available in a long-lasting 500+ clean pen shape.

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Specifications are subject to change without notice.

Introducing the new One-Click™ Cleaner MPO ESD

NEW

Electrostatic discharge (ESD) suppression



Permitted to be brought into the Electrostatic Protected Area (EPA)

Introducing the One-Click™ Cleaner, your ultimate solution for effortless fiber connector maintenance! With just a single click, you can effectively eliminate grease and dust from the ferrule end face, ensuring optimal performance every time.

We're excited to announce our latest innovation: the One-Click™ Cleaner MPO ESD. This advanced cleaner not only streamlines your cleaning process but also offers electrostatic discharge protection, safeguarding your sensitive equipment. Upgrade your fiber maintenance routine with the reliability and convenience of the One-Click™ Cleaner!

The first fiber cleaner to comply with the international standard IEC 61340-5-1 (*1)

Standard MPO cleaner



Greater than $2 \times 10^{12} \Omega$.



No voltage drop

Charged Plate Monitor (CPM)

MPO ESD



Less than or equal to $1 \times 10^{12} \Omega$
(with this measurement typically around 1×10^5 to 10^6)



Decays in under 2 seconds
(In this measurement, the decay time was 0.2 seconds.)

The charging voltage decreases

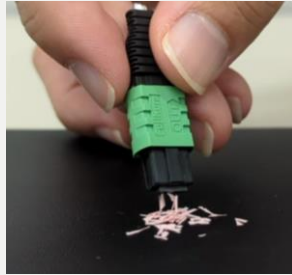
Surface resistance measurement (left), charge decay measurement (right)

(*1) IEC61340-5-1: International standard for protecting electronic devices from static electricity. Surface resistance of $1 \times 10^{12} \Omega$ or less and charge decay of 2 seconds or less is required.

TSBS24008, 1/2

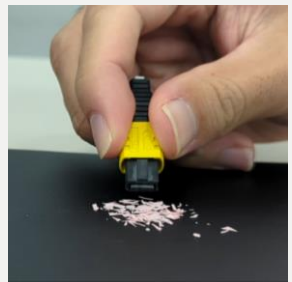
Suppression of dust adhesion to the ferrule end surface due to static electricity

Standard MPO cleaner



Cleaning work may cause dirt to be attracted to the charged ferrule end surface.

MPO ESD



Quickly dissipates static electricity that has built up on the ferrule end surface. Prevents dirt from sticking.

Adhesion test after cleaning work (*2)

(*2) The above is an example of an evaluation result obtained under Fujikura measurement environment.

Specifications

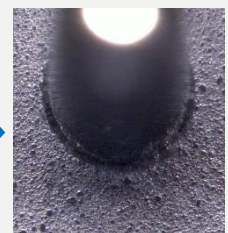
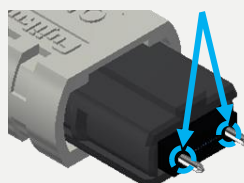
Product Name	One-Click™ Cleaner MPO ESD	Dimension(mm)	W19 x H43.5 x L194
Model name	MPOESD-CLK-A	Cleaning frequency	500+ times
Applicable Connector	MPO	Surface Resistance Value	1x10 ¹² Ω or less
	12/24心用, SM/MM	Charge Decay	2 seconds or less

Introducing the next new product One-Click™ Cleaner GP (scheduled for release in January 2025)



Cleaning around difficult **guide pins** can be done with **one click**. Ideal for areas where stable low-loss connections are required with MPO connectors. ESD compliant.

Cleaning range (around the pin)



Dust, abrasive dust, etc.

TSBS24008, 2/2

Push-Type Cleaners

One-Click® Cleaners

One-Click Cleaner MPO and MPO-16

The One-Click Cleaner MPO/MPO-16 is a revolutionary push-type cleaner that simplifies cleaning of the ferrule end-face of MPO/MTP® connector. The One-Click MPO-16 cleans 16-fiber MPO/MTP connectors, both pinned (male) and socketed (female). MPO-16 is used with IEEE 802.3bs 400G trunk cabling with each fiber carrying 25 Gbps data signals (400GBASE-SR16 for example), among other applications.



MPO

MPO-16

One-Click Cleaner CS/MDC Duplex

The One-Click Cleaner CS/MDC cuts cleaning time in half by effectively cleaning both connectors of a duplex CS/MDC at one time.

One-Click Cleaner SN Duplex

The One-Click Cleaner SN cuts cleaning time in half by effectively cleaning both connectors of a duplex SN at one time.



CS, MDC

SN Duplex

HOC

One-Click Cleaner HOC

The Hardened Outdoor Connector (HOC) One-Click Cleaner is an essential cleaning tool for OptiTap®, TITAN RTD®, TRIDENT®, and SC connectors. The new design of the HOC Cleaner allows it to be used for Plug/Receptacle without the need for the conventional guide cap.

Ordering Information

DESCRIPTION
One-Click Cleaner SC, ST, FC (500+ cleans)
One-Click Cleaner MU/LC (500+ cleans)
One-Click Cleaner ODC, outdoor connector (500+ cleans)
One-Click Cleaner Mini-100 SC, ST, FC (100+ cleans)
One-Click Mini-100 MU/LC (100+ cleans)
One-Click Cleaner Mini-500 SC, ST, FC (500+ cleans)
One-Click Cleaner Mini-500 MU/LC (500+ cleans)
One-Click Ultra Cleaner 2.5 (enlarged cleaning) SC, ST, FC (500+ cleans)
One-Click Cleaner D-LC, Duplex LC (2 x 500+ cleans)
One-Click Cleaner MPO (500+ cleans)
One-Click Cleaner MPO-16 (500+ cleans)
One-Click Cleaner MT-RJ (500+ cleans)
One-Click Cleaner M20, 2.0 mm ferrule (500+ cleans)
One-Click Cleaner CS, MDC Duplex (500+ cleans)
One-Click Cleaner SN Duplex (500+ cleans)
One-Click Cleaner HOC, Hardened Optic Connectors (500+ cleans)
One-Click Cleaner SC Pro (775+ cleans)
One-Click Cleaner LC Pro (775+ cleans)
BOXES OF 5 UNITS
One-Click Cleaner SC, ST, FC (box of 5 units)
One-Click Cleaner MU/LC (box of 5 units)
One-Click Cleaner Mini-100 SC, ST, FC (box of 5 units)
One-Click Cleaner Mini-100 MU/LC (box of 5 units)
One-Click Ultra Cleaner 2.5 SC, ST, FC (box of 5 units)
One-Click Cleaner MPO-16 (box of 5 units)

Push-Type Cleaners

One-Click® Cleaner MMC

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

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.

Ease of use - With its patented push-action cleaning, the One-Click Cleaner MMC removes dirt, dust, and contaminants with just one click. Its straightforward use requires no training. Simply insert and click to clean MMC connectors

Maximized efficiency - By utilizing the one-click design, technicians can speed through the cleaning process. No manual wipes or wet solvents are needed. The mechanical push action instantly advances the optical grade cleaning tape while the cleaning tip is rotated to ensure the MMC end-face is effectively, but gently, cleaned.

Increased uptime - With the move to next-gen VSFF data-center connectivity, it is essential to maintain connections for optimal performance. Using the specialized One-Click Cleaner MMC, technicians can clean MMC-16 and MMC-24 connectors easily and effectively in 1/2 the time as traditional methods leading to reliable signal transmission and extended lifespan of the connector.

Ordering Information

DESCRIPTION
One-Click Cleaner MMC for MMC-16 Connectors (500+ cleans)
One-Click Cleaner MMC for MMC-24 Connectors (500+ cleans)



Push-Type Cleaners

One-Click® Cleaner MMC

PRODUCT HIGHLIGHTS



Easy-to-use



Purpose-designed tool



Speeds cleaning process



Hand-held cleaner



No training required

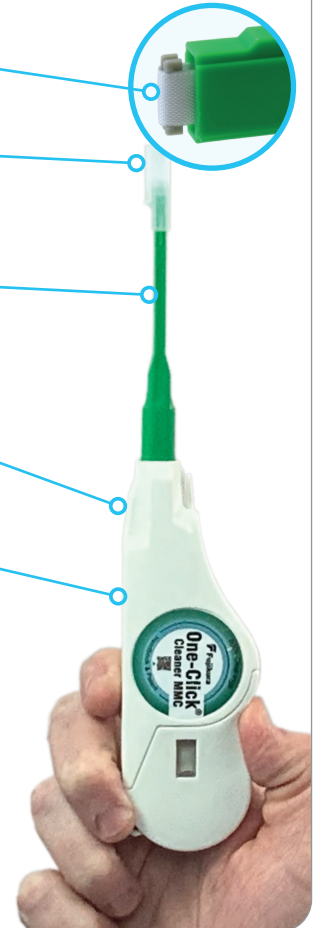
Consistent cleaning results
Automatic tape advance ensures each clean is performed with fresh cleaning tape

500+ cleans
Over 500 cleans in both One-Click Cleaner MMC-16 or MMC-24 versions.

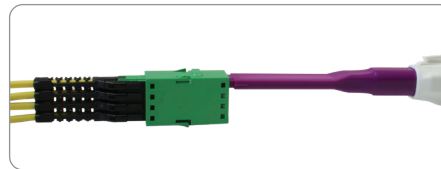
Extended nozzle
Easy reach for dense MMC connectors

Ergonomic design
One-handed operation makes cleaning quick and easy

Must-have tool for field use
A favorite of field technicians for its ease of use, durability, effectiveness, and small size



Cleaning MMC-16 connector on jumper



Cleaning MMC-16 connector in adapters

Recommended Products



FOCIS Lightning®2 Multi-Fiber Optic Connector Inspection System

- Self-contained, tether-free, hand-held
- Auto-focus and auto-centering for fast, easy inspection
- IEC, IPC and user-defined pass/fail analysis



Cletop Cleaners

- Simple push-button shutter application
- Easily replaceable cost-effective tape cartridges
- Over 400 wipes per tape



FCC2 Cleaning Fluid

- Unique dispenser for use with AFL Connector Cleaning Tips and FiberWipes
- Dissipates static charge
- Up to 400+ cleanings per can