



# **FIBER OPTIC CONNECTOR CLEANERS**

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# FIBER OPTIC CONNECTOR CLEANERS

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# FIBER OPTIC CONNECTOR CLEANERS

Today’s optical networking components requiring minimal insertion loss and back reflections demand, quick reliable cleaning solutions. Fiber tips containing even trace amounts of debris not only suffer from power degradation but also an increased likelihood of permanent damage when mated.

Product variations include a variety of solutions that make it easy to use on most fiber connector types, and in any fiber or lens cleaning situation. The cost and performance of these cleaning tools make it an easy choice over competitive solutions.

### Features

- Minimizes static attraction
- Ultra clean micro-fiber cloth captures debris and other contamination
- The cloth is robust, it does not fray or leave any fibrous materials behind
- The most cost effective high-end cleaning solution available

### Cleaning Tool Options

| Single Fiber Cleaning Tools                           | Multifiber Cleaning Tools                              |
|---|--|
| NEOCLEAN E Refillable Cleaners<br>IBC™ Brand Cleaners | IBC™ Brand Cleaners<br>NEOCLEAN-M<br>Cleaning Adapters |
| Refillable Cassette Cleaning Tools                    | Stick & Pipe Cleaning Tools                            |
| OPTIPOP R<br>NEOCLEAN PZ<br>CLETOP & CLETOP - S       | NEOCLEAN S<br>OPTIPOP P<br>CLETOP                      |



# SINGLE FIBER CLEANERS



The NEOCLEAN E is a dry cloth cleaning tool specifically designed to clean single fiber connectors residing in an adapter, faceplate or bulkhead. The dust cap of the cleaning tool acts as an adapter for cleaning unmated connectors.

The NEOCLEAN E is refillable and simple to use. It is effective at removing oil and dust contamination that can negatively impact optical performance.

## Features

- Easy pushing motion to engage tool
- Tool offers 700 cleanings
- Refillable option lowers cost per clean
- Cleaning micro fibers are densely stranded and debris free
- Dust cap lid opens to clean unmated connectors
- The cleaning tip has single 360° rotation motion
- Lanyard prevents the dust cap from getting lost
- RoHS Compliant

## Applications

- Fiber network panels and assemblies
- Outdoor FTTX applications using SC, FC, LC or MU connectors
- Cable assembly production facility
- Testing laboratories
- Data centers
- Central office

# SINGLE FIBER CLEANERS



## NEOCLEAN E1 for 1.25mm

Cleans 1.25mm LC and MU connectors  
Cleans connectors in the bulkhead adapter and on a cable assembly  
Uses refill 12838



## NEOCLEAN E3 for 2.5mm

Cleans 2.5mm SC, ST, FC and E2000 connectors  
Cleans connectors in the bulkhead adapter and on a cable assembly  
Uses refill 14623

### NEOCLEAN E Refillable Cleaning Tools

| Part Number | NTT-AT Part Number | Description                                       |
|-------------|--------------------|---|
| 12836       | ATC-NE-E1          | NEOCLEAN E1 1.25mm LC and MU Connectors           |
| 14137       | ATC-NE-E3          | NEOCLEAN E3 2.5mm SC, ST, FC and E2000 Connectors |

### NEOCLEAN E Refillable Cleaning Tool Refills

| Part Number | NTT-AT Part Number | Description                    |
|-------------|--------------------|--------------------------------|
| 12838       | ATC-NE-ES1         | NEOCLEAN E1 1.25mm Refill Pack |
| 14623       | ATC-NE-ES3         | NEOCLEAN E3 2.5mm Refill Pack  |

# SINGLE FIBER CLEANERS



The US Conec IBC™ Brand Cleaners are mechanical cleaning tools designed to clean connectors residing in an adapter or faceplate and unmated connectors. The IBC™ Brand Cleaning tools use a novel dry cleaning strand to gently sweep and lift away dust and residues from the connector end face.

**The IBC™ Brand Cleaners are effective at removing the following contaminants:**

|                                 |                   |                    |
|---------------------------------|-------------------|--------------------|
| Arizona Road Dust (ISO 12103-1) | Skin Oil Residue  | Salt Water Residue |
| Alcohol Residue                 | Vegetable Residue | Hand Lotion        |
| Distilled Water Residue         | Graphite          | T-shirt Lint       |

## Features

- Simple pushing motion to engage tool
- Audible CLICK to alert the operator when tools is fully engaged
- Over 525+ engagements per unit
- Cleans connectors loaded in a bulkhead adapter and on unmated cable assemblies
- Dry cleaning strand eliminates the need for solvents to be effective
- Crush resistant to over 250N
- Impact resistant to survive drops over 1.5M

## Applications

- Telecom Central Offices
- Data Centers
- Cable Television Head End
- Outside Plant and Fiber To The Home
- Fiber to The Antenna for WiMax and Cellular Networks
- Fiber Optic Broadcasting including HDTV
- Fiber Optic Military and Civilian Aviation
- Military and Civilian Maritime Optical Networks
- Fiber Optic Satellite Communication Systems



# SINGLE FIBER CLEANERS

## IBC™ Brand Cleaning Tools for 2.5mm Connectors



### IBC™ Brand Cleaner SC

Cleans SC, ST, FC and E2000 connectors with PC and APC polishes



### IBC™ Brand Cleaner HC

Cleans OptiTap® connectors in FTTx applications



### IBC™ Brand Cleaner M250

Cleans SC, ST, FC, E2000 and OptiTap® connectors with PC and APC polishes  
Cleans harsh environment 2.5mm based connector systems - TFOCA  
Cleans plug and socket termini  
1.8mm cleaning region



### IBC™ Brand Cleaner Zi25

Cleans SC, ST, FC, E2000 and OptiTap® connectors with PC and APC polishes  
Reduced housing – 109mm (4.3 ±)  
Cleans harsh environment 2.5mm based connector systems - TFOCA  
Compact size  
Includes Retractable Zipcord

### IBC™ Brand 2.5mm Cleaning Tools Ordering Information

| Part Number | Description             |
|-------------|-------------------------|
| 9392        | IBC™ Brand Cleaner SC   |
| 9394        | IBC™ Brand Cleaner HC   |
| 13310       | IBC™ Brand Cleaner M250 |
| 13964       | IBC™ Brand Cleaner Zi25 |

# SINGLE FIBER CLEANERS

## IBC™ Brand Cleaning Tools for 1.25mm Connectors



### IBC™ Brand Cleaner LC

Cleans LC and MU connectors with PC and APC polishes



### IBC™ Brand Cleaner H125

Cleans LC and MU connectors with PC and APC polishes

Cleans harsh environment 1.25mm based connector systems – ARINC 800, ODC series, MXL38999, LuxCis series, MIL PRF 64266 (NGCON), Neutrik opticalCON

Features a flexible cleaning tip that up to 30° bend without damage

Cleans plug and socket termini



### IBC™ Brand Cleaner Zi125

Cleans LC and MU connectors with PC and APC polishes

Reduced housing – 110mm [4.3"±]

Compact size

Includes Retractable Zipcord



### IBC™ Brand Cleaner LC²

Cleans LC duplex connectors with PC and APC polishes

1050+ cleaning per unit

Cleans duplex LC connectors loaded in a bulkhead adapter and on unmated cable assemblies

## IBC™ Brand 1.25mm Cleaning Tools Ordering Information

| Part Number | Description              |
|-------------|--------------------------|
| 9393        | IBC™ Brand Cleaner LC    |
| 12910       | IBC™ Brand Cleaner H125  |
| 13965       | IBC™ Brand Cleaner Zi125 |
| 14303       | IBC™ Brand Cleaner LC²   |



# SINGLE FIBER CLEANERS

## IBC™ Brand Cleaning Tools for Specialty Connectors



### IBC™ Brand Cleaner M20

Cleans harsh environment 2.0mm based connector systems – SMPTE 304M and SMPTE 358M and MIL PRF 28876  
Cleans plug and socket termini



### IBC™ Brand Cleaner M16

Cleans harsh environment 1.6mm based connector systems M38999  
Cleans plug and socket termini



### IBC™ Brand Cleaner ZiA125

Cleans MIL/AERO 1.25mm connectors  
Compact size  
Includes Retractable Zipcord



### IBC™ Brand Cleaner GA16

Cleans harsh environment 1.6mm based connector systems-M38999  
Reduced housing-109mm (4.3")  
Cleans plug and socket termini  
Cleans through Glenair M38999 test adapters  
Includes Wrist Lanyard



### IBC™ Brand Cleaner G1000

Cleans Glenair Mighty Mouse 20 series and other MIL/AERO 1.0mm connectors  
Includes Retractable Zipcord

### IBC™ Brand Specialty Cleaning Tools Ordering Information

| Part Number | Description               |
|-------------|---------------------------|
| 12926       | IBC™ Brand Cleaner M20    |
| 13309       | IBC™ Brand Cleaner M16    |
| 14649       | IBC™ Brand Cleaner ZiA125 |
| 14829       | IBC™ Brand Cleaner GA16   |
| 15523       | IBC™ Brand Cleaner G1000  |

# MULTIFIBER CLEANERS



The US Conec IBC™ Brand Cleaners MT series mechanical cleaning tools are designed for cleaning the fiber arrays on MT based connector systems. These tools are capable of cleaning MT based connector systems loaded in a bulkhead adapter, on the card edge, the backplane and on unmated cable assemblies. The IBC™ Brand Cleaners will clean both female (no guide pin) and male (with steel guide pins). These tools will clean both flat polished multimode and 8° angled singlemode MT ferrules.

There are some MT based connector systems that require the use of an adapter to align the IBC™ Brand Cleaning tools. The adapters are listed below. Please contact US Conec if you have any questions or would like confirmation to verify which tool you need. We are here to help you.

## Features

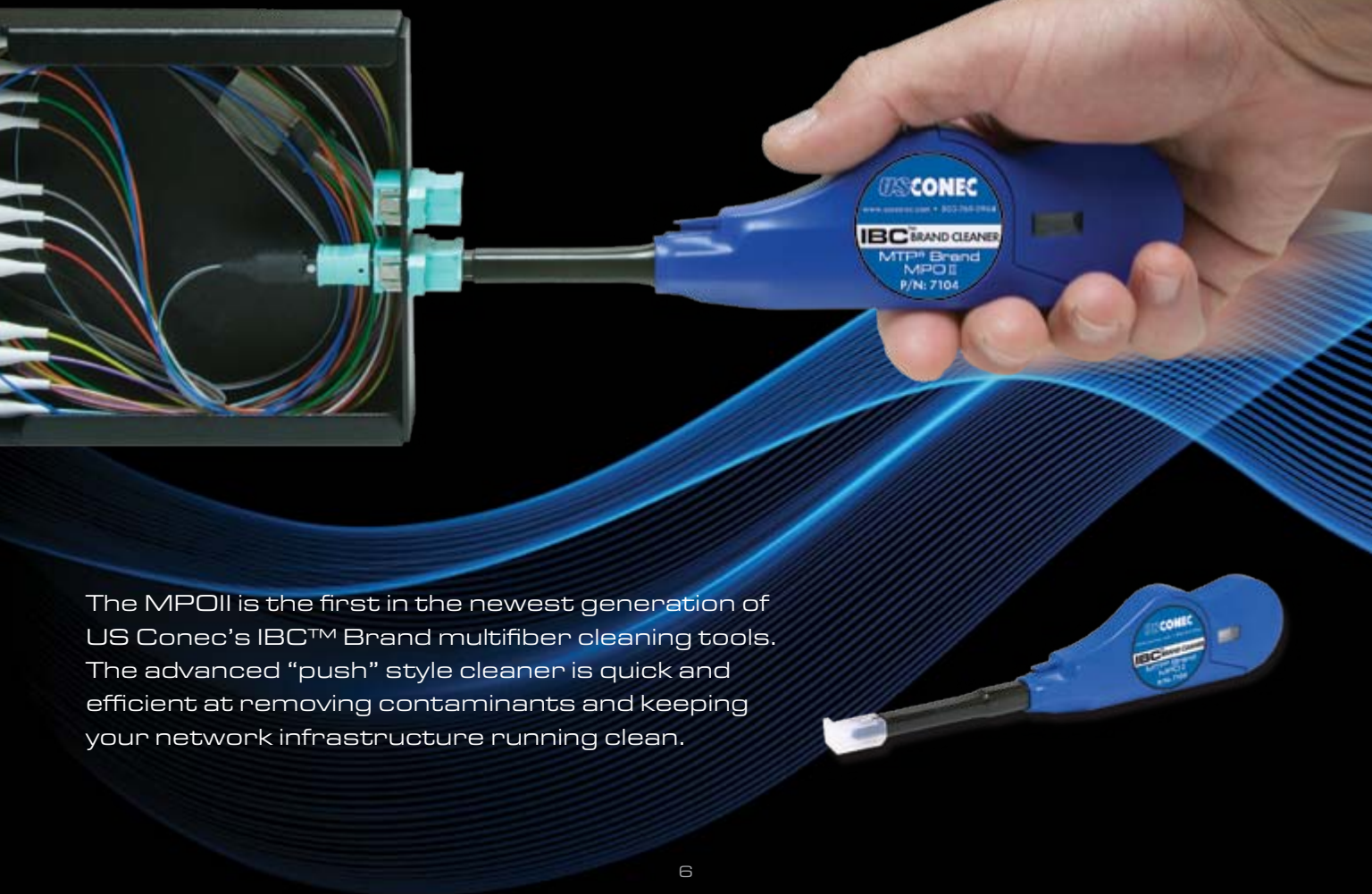
- Cleans male and female MT ferrule
- 525+ cleaning per unit
- Simple push style or dial turn engagement
- Nozzle is keyed for precise alignment of the cleaning tip to the fiber array
- Alignment cap lid opens for cleaning the unmated connectors
- Cleans connectors loaded in a bulkhead adapter and on unmated cable assemblies
- Cleans male (with guide pins) and female MT ferrules
- RoHS compliant

## Applications

- Telecom central offices
- Data Centers
- Cable Television Head End
- Outside Plant and FTTH
- MPO Cassette Modules
- Parallel Optics Transceivers

## MULTIFIBER CLEANERS

# A **PUSH** in the right direction...



The MPOII is the first in the newest generation of US Conec's IBC™ Brand multifiber cleaning tools. The advanced "push" style cleaner is quick and efficient at removing contaminants and keeping your network infrastructure running clean.



# MULTIFIBER CLEANERS

## IBC™ Brand MT Series Cleaning Tools



### IBC™ Brand Cleaner MPO II

Cleans MTP® and generic MPO connectors

Cleans multimode (flat) and singlemode (8° angled) MT ferrules



### IBC™ Brand Cleaner MT38 II

Cleans MT based D38999 and other hardened connectors - requires adapters



### IBC™ Brand Cleaner OptiTip® II

Cleans OptiTip-style connectors



### IBC™ Brand Cleaner HBMT

Cleans multimode MTP® and generic MPO connectors

Cleans Molex HBMT™, 1x8 ARRAY, 1X6 ARRAY, 1X3 Circular MT, and multimode MPO connectors



### IBC™ Brand Cleaner HBMT EN (Extended Nozzle)

Cleans multimode MTP® and generic MPO connectors

Cleans Molex HBMT™, 1x8 ARRAY, 1X6 ARRAY, 1X3 Circular MT, and multimode MPO connectors in recessed chassis

Nozzle length is 224mm



# MULTIFIBER CLEANERS

## IBC™ Brand MT Series Cleaning Tools

### IBC™ Brand MT Series Cleaning Tools Ordering Information

| Part Number | Description                    |
|-------------|--------------------------------|
| 7104        | IBC™ Brand Cleaner MPO II      |
| 15546       | IBC™ Brand Cleaner MT38 II     |
| 15639       | IBC™ Brand Cleaner OptiTip® II |
| 8037        | IBC™ Brand Cleaner HBMT        |
| 9959        | IBC™ Brand Cleaner HBMT EN     |

### IBC™ Brand MT Series Adapters Ordering Information

| Part Number | Description   |
|-------------|---|
| 13463       | <b>ADAPTER MT38999 Quad</b> <ul style="list-style-type: none"><li>• Designed for use with IBC Brand Cleaner MT38 II (15546)</li><li>• Will align 15546 onto protruding MT ferrules in Quad MT D38999 connectors from Amphenol Aerospace</li></ul>                         |
| 13464       | <b>ADAPTER MT38999 Single</b> <ul style="list-style-type: none"><li>• Designed for use with IBC Brand Cleaner MT38 II (15546)</li><li>• Will align 15546 onto protruding MT ferrules in Single MT D38999 connectors from Amphenol Aerospace</li></ul>                     |
| 8035        | <b>ADAPTER HBMT Card Edge</b> <ul style="list-style-type: none"><li>• Designed for use with IBC Brand Cleaner HBMT (8037)</li><li>• Cleans plug and socket Molex HBMT card edge connections</li></ul>   |
| 8097        | <b>ADAPTER HBMT Backplane</b> <ul style="list-style-type: none"><li>• Designed for use with IBC Brand Cleaner HBMT (8037)</li><li>• Cleans plug and socket Molex HBMT backplane connections</li></ul>   |
| 8485        | <b>ADAPTER ARRAY 1 x 8</b> <ul style="list-style-type: none"><li>• Designed for use with IBC Brand Cleaner HBMT (8037)</li><li>• Cleans plug and socket Molex ARRAY6 connections</li><li>• Clean ferrules 1, 3, 5 and 7. Flip and clean ferrules 2, 4, 6 and 8.</li></ul> |
| 7907        | <b>ADAPTER ARRAY 1 x 6</b> <ul style="list-style-type: none"><li>• Designed for use with IBC Brand Cleaner HBMT (8037)</li><li>• Cleans plug and socket Molex ARRAY6 connections</li><li>• Clean ferrules 1, 3 and 5. Flip and clean ferrules 2, 4 and 6</li></ul>        |
| 8802        | <b>ADAPTER CIRCULAR 1 x 3 RECEPTACLE</b> <ul style="list-style-type: none"><li>• Designed for use with IBC Brand Cleaner HBMT (8037)</li><li>• Cleans receptacle Molex 1 x 3 circular connections</li></ul>   |
| 8803        | <b>ADAPTER CIRCULAR 1 x 3 CONNECTOR</b> <ul style="list-style-type: none"><li>• Designed for use with IBC Brand Cleaner HBMT (8037)</li><li>• Cleans connector Molex 1 x 3 circular connections</li></ul>   |

# MULTIFIBER CLEANERS



The NEOCLEAN-M is designed for cleaning MPO and MTP® optical connector ferrule end face with a simple push action. The one push system automatically cleans the connector and advances the cleaning tape with a simple one hand operation. With a compact and ergonomic design, the 2-in-1 plug and port cleaner offers quick and effective removal of contaminants and debris.

## Features

- 600+ cleanings per unit
- Cleans MTP® and generic MPO connectors
- Alignment cap lid opens for cleaning the unmated cable assemblies
- Cleans male (with guide pins) and female MT ferrules
- Cleans multimode (flat) and singlemode (8° angled) MT ferrules

## Applications

- Telecom Central Offices
- Data Centers
- Outside Plant and Fiber To The Home
- MPO Cassette Modules

# MULTIFIBER CLEANERS



## NEOCLEAN-M

- Cleans male (with guide pins) and female MT ferrules
- Cleans multimode (flat) and singlemode (8° angled) MT ferrules
- Simple one-push system
- Compact with plug attachment
- 2-in-1 port and plug cleaning

## NEOCLEAN-M Cleaning Tool

| Part Number | NTT-AT<br>Part Number | Description                                     |
|-------------|-----------------------|---|
| 15616       | ATC-NE-M1             | NEOCLEAN-M Multifiber Optical Connector Cleaner |



# REFILLABLE CASSETTE CLEANERS



The OPTIPOP R is a cassette style fiber optic connector cleaner system that can be refilled for reducing cleaning costs. It uses a densely woven micro-fiber cleaning fabric to remove harmful contaminants off of the ferrule end face. The OPTIPOP R cassette cleaning tool will accommodate all single fiber connections. US Conec has versions of the OPTIPOP R cassette cleaning tools that are designed specially for cleaning multi-fiber connector systems including the MTP® Brand Connectors, standard MPO and MTRJ connectors for both singlemode and multimode connectors. The customized OPTIPOP R cassette cleaning tool will accommodate the alignment guide pins on male MT ferrules. US Conec has a version of the OPTIPOP R cassette cleaning tool that is ideal for field use at FTTX work sites. This version accommodates the OptiTap™ connector housing making it ideal for technicians that need to clean OptiTap™ plug connectors on drop cables.

The anti-static cloth material produces a pristine fiber tip and minimizes contaminant attraction. The cleaning fabric is pre-washed and produces less than 70 pcs/CFM of particles > 1 mm in size, making this system excellent for use in any production environment including clean rooms.

## Features

- Replacement reels are easy to install and reduce the cost per cleaning
- 400+ Cleanings
- Eliminates electrostatic charge
- The washed, ultra clean micro-fiber cloth captures debris and other contamination
- The cloth is robust, it does not fray or leave any fibrous materials behind
- The most cost effective high-end cleaning solution available

## Applications

- FTTX work sites installing OptiTap™ drop cables
- Data center installation and preventative maintenance
- Central office and head end new equipment installations and preventive maintenance
- Production facilities that terminate fiber optic cable assemblies
- Testing and measuring laboratories using optoelectronic equipment
- Any application that uses unmated fiber optic connectors



# REFILLABLE CASSETTE CLEANERS

## OPTIPOP R Refillable Cassette Cleaner



### OPTIPOP R Cleaner - Single Slot

Cleans all single fiber (SC, ST, FC, E2000, LC, MU) and female MT connectors (MTP®, MPO, MTRJ)



### OPTIPOP R Cleaner - Two Slots

Cleans LC and MU duplex connections



### OPTIPOP R Cleaner - MPO Male

Cleans male MPO connectors with guide pins



### OPTIPOP R Cleaner - MTRJ Male

Cleans male MTRJ connectors with guide pins



### OPTIPOP R Cleaner - OptiTap®

Cleans OptiTap® hardened connectors

### OPTIPOP R Refillable Cassette Cleaner Ordering Information

| Part Number                       | NTT-AT Part Number | Description   |
|-----------------------------------|--------------------|---|
| 6338 (no label)<br>6227 (labeled) | ATC-RE-01          | <b>OPTIPOP R Cleaner - Single Slot</b> – Cleans all single fiber and female MT ferrule connectors |
| 6437 (no label)<br>6230 (labeled) | ATC-RE-02          | <b>OPTIPOP R Cleaner - Two Slots</b> – Cleans all LC and MU duplex connectors                     |
| 6339 (no label)<br>6226 (labeled) | ATC-RE-03          | <b>OPTIPOP R Cleaner - MPO Male</b> – Cleans MPO male connectors                                  |
| 6340 (no label)<br>6228 (labeled) | ATC-RE-04          | <b>OPTIPOP R Cleaner - MTRJ</b> – Cleans MTRJ male connectors                                     |
| 8057                              | ATC-RE-03W         | <b>OPTIPOP R Cleaner - OptiTap®</b> – Cleans OptiTap® hardened connectors                         |
| 6232                              | ATC-RS-01          | <b>OPTIPOP R – Refill 6 Pack</b>  |

# REFILLABLE CASSETTE CLEANERS



The NEOCLEAN PZ is a cassette style fiber optic cleaner system designed specifically for the PRIZM® LightTurn® connector. This refillable cassette cleaner uses a microfiber fabric to remove harmful contaminants off of the ferrule end face. The anti-static cleaning material used in the cassette produces a pristine optical window and minimizes contaminant attraction. The cleaning material is pre-washed making it excellent for use in any production environment, including clean rooms. The NEOCLEAN PZ cassette cleaning tool will accommodate both bare ribbon and jacketed PRIZM® LightTurn® cable assemblies.

## Features

- Designed specifically for PRIZM® LightTurn® connector system
- Refillable, thereby reducing waste and decreasing cost per cleaning
- Replacement refills are simple to install, self-contained cartridges
- 500+ cleanings
- Eliminates electrostatic discharge
- Washed, ultra clean cloth captures debris and other contaminants
- Robust cloth, does not fray or leave any fibrous materials behind

## Applications

- Bare PRIZM® LightTurn® ferrule
- Ribbon PRIZM® LightTurn® cable assemblies
- Jacketed PRIZM® LightTurn® cable assemblies

# REFILLABLE CASSETTE CLEANERS



Placing PRIZM® LightTurn® connector into cleaner



Cleaning PRIZM® LightTurn® connector

## NEOCLEAN PZ Refillable Cassette Cleaner Ordering Information

| Part Number | NTT-AT Part Number | Description                        |
|-------------|--------------------|------------------------------------|
| 14554       | ATC-NE-PZ          | NEOCLEAN-PZ cassette cleaning tool |

## NEOCLEAN PZ Refillable Cassette Cleaner Refill Ordering Information

| Part Number | NTT-AT Part Number | Description                            |
|-------------|--------------------|--|
| 14555       | ATC-NE-PZS         | NEOCLEAN-PZ refill cartridges (5 pack) |



# REFILLABLE CASSETTE CLEANERS



The CLETOP and CLETOP-S are cassette style fiber optic connector cleaner systems that can be refilled for reducing cleaning costs. They use densely woven micro-fiber cleaning fabrics to remove harmful contaminants off of the ferrule end face. The CLETOP and CLETOP-S cassette cleaning tools will accommodate all single fiber connections.

US Conec has versions of the CLETOP and CLETOP-S cassette cleaning tools that are designed specially for cleaning multi-fiber connector systems including the MTP® Brand Connectors, standard MPO and MTRJ connectors for both singlemode and multimode connectors. The customized CLETOP and CLETOP-S cassette cleaning tools will accommodate the alignment guide pins on male MT ferrules. US Conec has versions of the CLETOP and CLETOP-S cassette cleaning tools that are ideal for field use at FTTX work sites. These versions accommodate the OptiTap™ connector housing making it ideal for technicians that need to clean OptiTap™ plug connectors on drop cables.

The anti-static cloth material produces a pristine fiber tip and minimizes contaminant attraction. The cleaning fabric is pre-washed and produces less than 70 pcs/CFM of particles > 1 mm in size.

## Features

- Replacement reels are easy to install and reduce the cost per cleaning
- 400+ Cleanings
- Eliminates electrostatic charge
- The washed, ultra clean micro-fiber cloth captures debris and other contaminations
- The cloth is robust, it does not fray or leave any fibrous materials behind
- The most cost effective high-end cleaning solution available

## Applications

- FTTX work sites installing OptiTap™ drop cables
- Data center installation and preventative maintenance
- Central office and head end new equipment installations and preventive maintenance
- Production facilities that terminate fiber optic cable assemblies
- Testing and measuring laboratories using optoelectronic equipment
- Any application that uses unmated fiber optic connectors
- Fiber Optic Satellite Communication Systems



# REFILLABLE CASSETTE CLEANERS

## CLETOP Cassette Cleaners



### **CLETOP Type A Blue Tape**

Cleans SC, SC2, FC, ST, DIN, D4, E2000

Uses refill 14709 or 14710



### **CLETOP Type B Blue Tape**

Cleans LC, MU, MT, MPO, MTRJ (Female), BIC

Uses refill 14709 or 14710



### **CLETOP Type MTRJ White Tape**

Cleans MTRJ (Male and Female)

Uses refill 14709 or 14710



### **CLETOP Type MPO/MTP® White Tape**

Cleans MPO/MTP® (Male and Female)

Uses refill 14709 or 14710

## CLETOP - S Cassette Cleaners



### **CLETOP - S Type A Blue Tape**

Cleans SC, SC2, ST, FC, DIN, D4, E2000

Uses refill 14711 or 14712



### **CLETOP - S Type B Blue Tape**

Cleans LC, MU, LC, MT, MPO, MTRJ (Female), BIC

Uses refill 14711 or 14712

# REFILLABLE CASSETTE CLEANERS

## CLETOP & CLETOP - S Cassette Cleaners Refills



### **CLETOP Refill - Blue Tape Refill**

Refill for cleaners 14703, 14704, 14705 and 14706



### **CLETOP Refill - White Tape Refill**

Refill for cleaners 14703, 14704, 14705 and 14706



### **CLETOP - S Refill - Blue Cartidge Refill**

Refill for cleaners 14707 and 14708



### **CLETOP - S Refill - White Cartidge Refill**

Refill for cleaners 14707 and 14708

# REFILLABLE CASSETTE CLEANERS

## CLETOP & CLETOP - S Refillable Cassette Cleaner Ordering Information

| Part Number | NTT-AT Part Number | Description  |
|-------------|--------------------|--|
| 14703       | 14100501           | CLETOP Type A Blue Tape – Cleans SC, SC2, ST, FC, DIN, D4, E2000           |
| 14704       | 14100601           | CLETOP Type B Blue Tape – Cleans LC, MU, MT, MPO, MTRJ (Female), BIC       |
| 14705       | 14100101           | CLETOP Type MTRJ White Tape – Cleans MTRJ (Male and Female)                |
| 14706       | 14100201           | CLETOP Type MPO/MTP® White Tape – Cleans MPO/MTP® (Male and Female)        |
| 14707       | 14110501           | CLETOP-S Type A Blue Tape – Cleans SC, SC2, ST, FC, DIN, D4, E2000         |
| 14708       | 14110601           | CLETOP-S Type B Blue Tape – Cleans LC, MU, LC, MT, MPO, MTRJ (Female), BIC |

## CLETOP & CLETOP - S Refillable Cassette Cleaner Refills Ordering Information

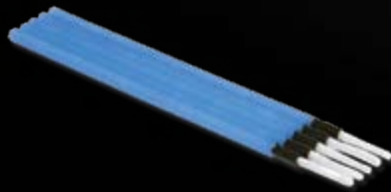
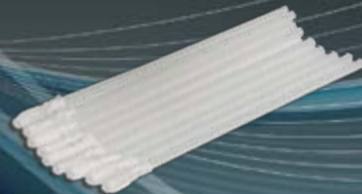
| Part Number | NTT-AT Part Number | Description                                     |
|-------------|--------------------|---|
| 14709       | 14100700           | CLETOP Refill – Blue Tape Refill 6 pack         |
| 14710       | 14100710           | CLETOP Refill – White Tape Refill 6 pack        |
| 14711       | 14110700           | CLETOP-S Refill – Blue Cartridge Refill 6 pack  |
| 14712       | 14110710           | CLETOP-S Refill – White Cartridge Refill 6 pack |

# STICK & PIPE CLEANERS



The NEOCLEAN S stick use a micro woven fabric for the cleaning medium that can be used for dry only or wet-dry cleaning. The NEOCLEAN S stick provides excellent cleaning performance and are notched for easy customization for limited access in bulkhead connection and optical modules. The NEOCLEAN S sticks are available for 2.5mm and 1.25 mm based connectors, transceiver interfaces, and NEOCLEAN S Stick Cleaners lenses.

The OPTIPOP P is a novel pipe cleaning tool designed to “cup” the ferrule on unmated connectors and for fiber optic pin termini in hardened connectors. The OPTIPOP P pipe cleaner covers the ferrule both the end face and sides. The pipes use the same micro woven fabric that used on the NEOCLEAN S sticks and OPTIPOP R cassettes making it ideal for dry only or wet-dry cleaning. The OPTIPOP P pipes are available for 2.5mm and 1.25mm ferrules making it an easy choice over competitive solutions.



The CLETOP stick cleaners use a micro woven fabric for the cleaning medium that can be used for dry only or wet-dry cleaning. The CLETOP stick cleaners provide excellent cleaning performance in bulkhead connection and optical modules. The CLETOP cleaning sticks are available for 1.25 mm, 2.0 mm and 2.5 mm based connectors, transceiver interfaces, and lenses.

## Features

- Accommodates small form factor duplex, single fiber connectors, transceiver receptacles and lenses
- Suitable for factory or field use
- Notched for easy customization
- Works in hard to reach areas

## Applications

- Fiber optic cable assemblies
- Testing laboratories
- Industrial applications
- Scientific equipment
- Medical applications



# STICK & PIPE CLEANERS



## NEOCLEAN S Stick Cleaning Tools

Available in 1.25mm and 2.5mm sizes  
250 sticks in case  
25 individually wrapped sleeves with 10 sticks per sleeve

| Part Number | NTT-AT Part Number | Description             |
|-------------|--------------------|-------------------------|
| 7892        | ATC-ST-01N         | NEOCLEAN S 1.25mm Stick |
| 7893        | ATC-ST-02N         | NEOCLEAN S 2.5mm Stick  |



## OPTIPOP P Pipe Cleaning Tools

Available in 1.25mm and 2.5mm sizes  
200 pipes per case  
For 1.25mm: 20 individually wrapped sleeves with 10 pipes per sleeve  
For 2.5mm: 40 individually wrapped sleeves with 5 pipes per sleeve

| Part Number | NTT-AT Part Number | Description                         |
|-------------|--------------------|-------------------------------------|
| 6363        | ATC-PP-01          | OPTIPOP P 1.25mm Pipe Cleaning Tool |
| 6364        | ATC-PP-02          | OPTIPOP P 2.5mm Pipe Cleaning Tool  |



## CLETOP Stick Cleaning Tools

Available in 1.25mm, 2.0mm and 2.5mm sizes

| Part Number | NTT-AT Part Number | Description   |
|-------------|--------------------|---|
| 14713       | 14100400           | CLETOP Stick 2.5mm (200pcs/set)                     |
| 14714       | 14100401           | CLETOP Stick 1.25mm (200pcs/set)                    |
| 14715       | 14100402           | CLETOP Stick 2.0mm (200pcs/set)                     |
| 14716       | 14100403           | CLETOP Stick 2.0mm/2.5mm, Double Ended (100pcs/set) |

Az Ön mérés technikai  
szakértője:



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