

# simply clean

Fiber Optic Cleaning Guide



**CablesPlus**  
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# Inspect – Clean – Inspect !

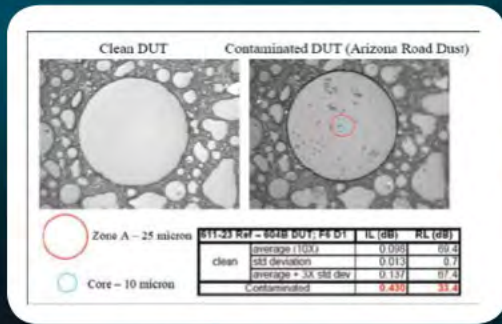


1. Always inspect both connectors before mating.
2. Mating dirty connectors may:
  - a. Cross contaminate both connectors
  - b. Scratch and pit the ferrule end face
3. Inspecting and cleaning before mating will:
  - a. Prevent permanent damage to connectors
  - b. Reduce trouble shooting time
  - c. Reduce material costs
  - d. Improve signal quality
4. Make keeping fiber optic connectors clean a priority.
  - a. Develop inspection and cleaning procedures
  - b. Train your team regularly on how to inspect and clean your connectors

US Conec fiber optic cleaning products 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.

## The importance of cleaning

1. Prevent signal degradation



2. Reduce lasting effects of contamination



Initial Clean Endface



Contaminated Endface



Mated 5x dirty then cleaned results in severe permanent damage

3. Prevent residue cross contamination

Connector A Before Mating



Connector B Before Mating



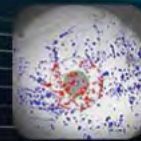
Connector A After Mating



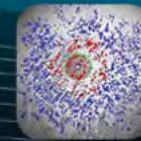
Connector B After Mating



4. Removing common contaminants



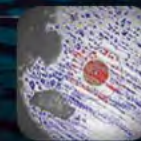
Dust Particles



Hand Lotion



Alcohol Residue

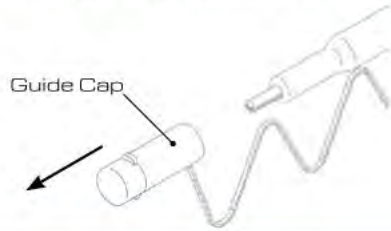


Skin Oil & Dead Skin Flakes

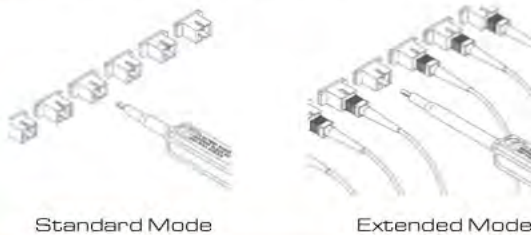
# Single Fiber Cleaner Instructions

## Connector cleaning in bulkhead adapter

1. Remove guide cap from cleaner



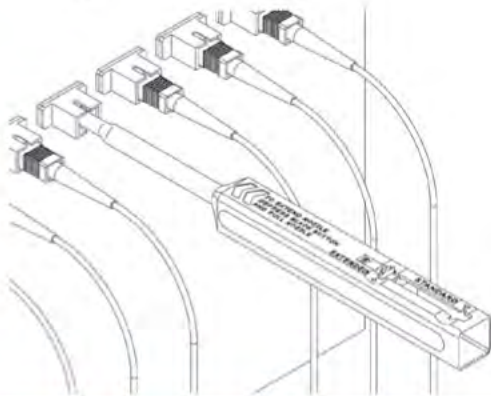
2. Insert tip of cleaner into adapter



Standard Mode

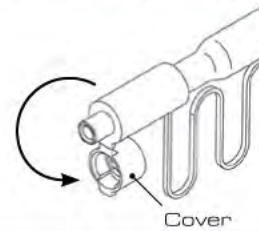
Extended Mode

3. Push the outer shell to start cleaning the connector end face until you hear a "POP" sound indicating the cleaning process is complete.

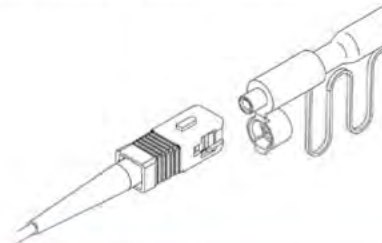


## Connector cleaning in unmated cable assemblies

1. Open the cover of the guide cap



2. Insert connector into the guide cap



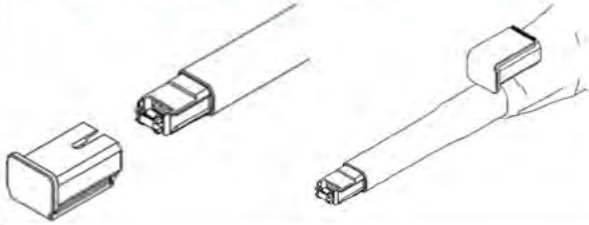
3. Push the outer shell to start cleaning the connector end face until you hear a "POP" sound indicating the cleaning process is complete.



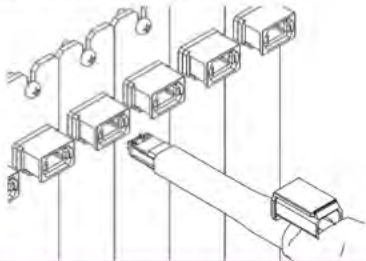
# Multifiber Cleaner Instructions

## Connector cleaning in bulkhead adapter

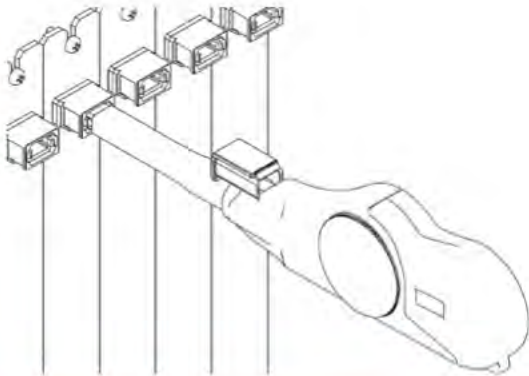
1. Remove guide cap from cleaner



2. Insert tip of cleaner into adapter

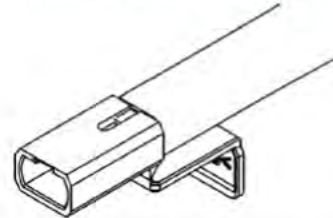


3. Push the outer shell to start cleaning the connector end face until you hear a "POP" sound indicating the cleaning process is complete.

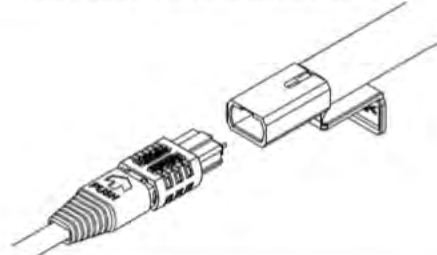


## Connector cleaning in unmated cable assemblies

1. Open the cover of the guide cap



2. Insert connector into the guide cap



3. Push the outer shell to start cleaning the connector end face until you hear a "POP" sound indicating the cleaning process is complete.

