



## Applications Engineering Notes

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Document Title	IBC™ Brand Fiber Optic Connector Cleaner: SC Connector Instructions
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Thank you for choosing the IBC™ Brand Fiber Optic Connector Cleaner. The IBC™ Brand Cleaner SC is a high-performance device designed for cleaning the ferrule tips SC, ST, and FC connectors with UPC and APC polishes. Please carefully read these instructions before using this device. Keep these instructions for future reference.

## 1.0 Document Purpose

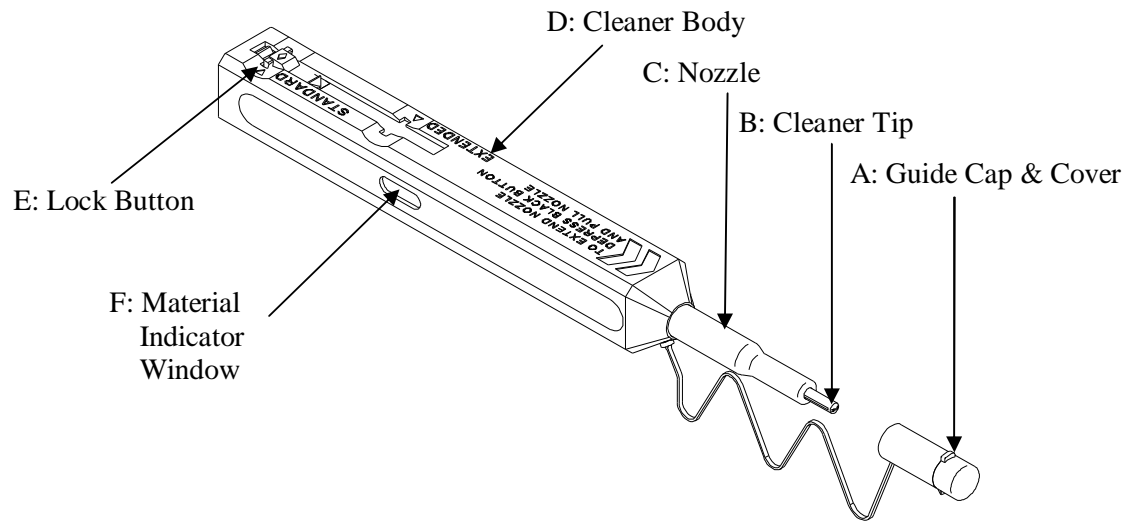
The purpose of this document is to provide US Conec recommended use instructions for the IBC™ brand fiber optic connector cleaner for SC, ST, and FC connectors.

## 2.0 Safety Precautions

	Though our device is deemed safe, improper usage or handling may cause injury
	IBC Brand Cleaner SC is designed to clean SC, ST, and FC connectors only. US Conec is not liable for damage caused in attempt to use this device for other applications.

- Ø The protective cap should be in place at all times when the cleaner is not in use
- Ø Do not disassemble as this may cause damage to the device and void the warranty
- Ø Do not re-use the cleaning cloth as this will eliminate the cleaner's effectiveness and void the warranty
- Ø Do not touch the cleaning cloth as this will cause contamination
- Ø Do not pull the cleaning cloth; use only the device body
- Ø Do not use this cleaner when the cloth is empty as this may cause damage to the connector
- Ø Do not leave the cleaner exposed to direct sunlight, high temperature, or high humidity over extended periods of time

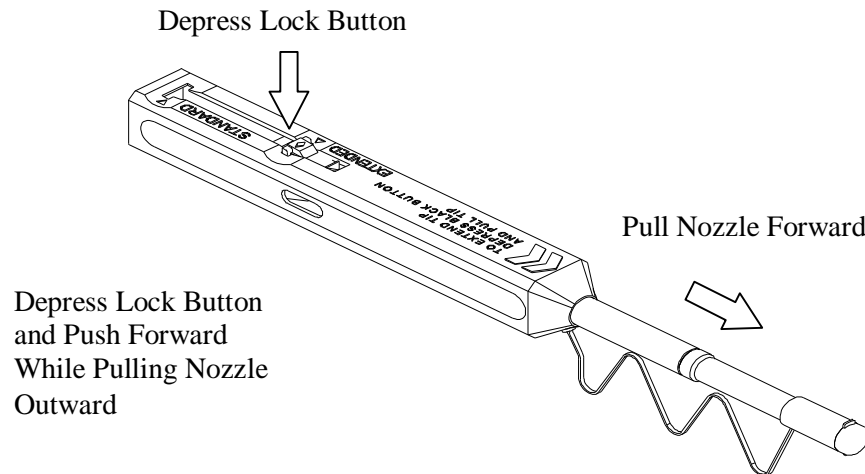
### 3.0 Construction



**Figure 1 - Standard Operation**

Part	Part Name	Function
A	Guide Cap & Cover	Guides uninstalled connector ferrule against cleaner tip Acts as a protective cover for the tip
B	Cleaner Tip	Guides the cleaning material across the optical connector tip
C	Nozzle	Directs the tip to the connector
D	Cleaner Body	Protects internal parts and fresh cleaning material
E	Lock Button	Extends and retracts the nozzle
F	Material Indicator Window	Shows amount of cleaning material remaining

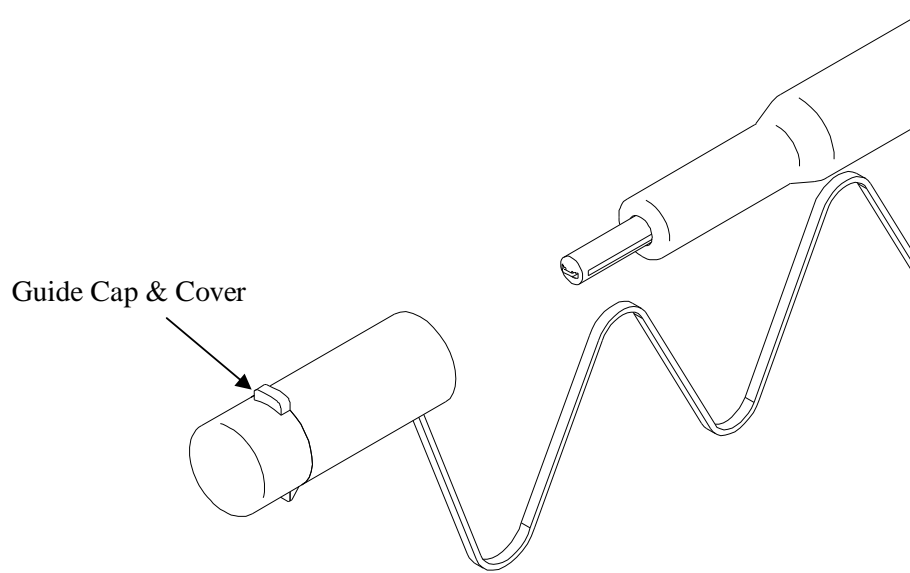
**Figure 2 – Parts Descriptions**



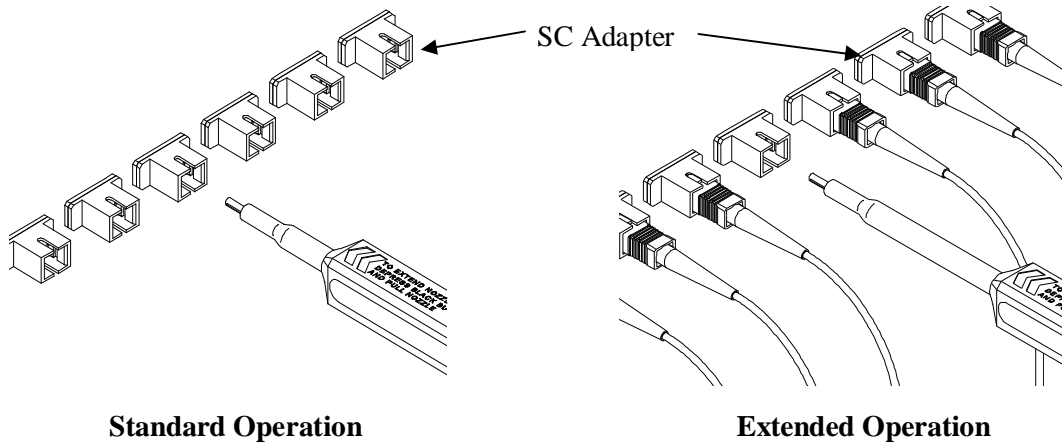
**Figure 3 - Extended Nozzle Operation**

#### **4.0 Cleaning Connectors Installed In Adapters (Bulkhead Applications)**

- 4.1 Remove the Guide Cap and Cover from the Cleaner Tip.

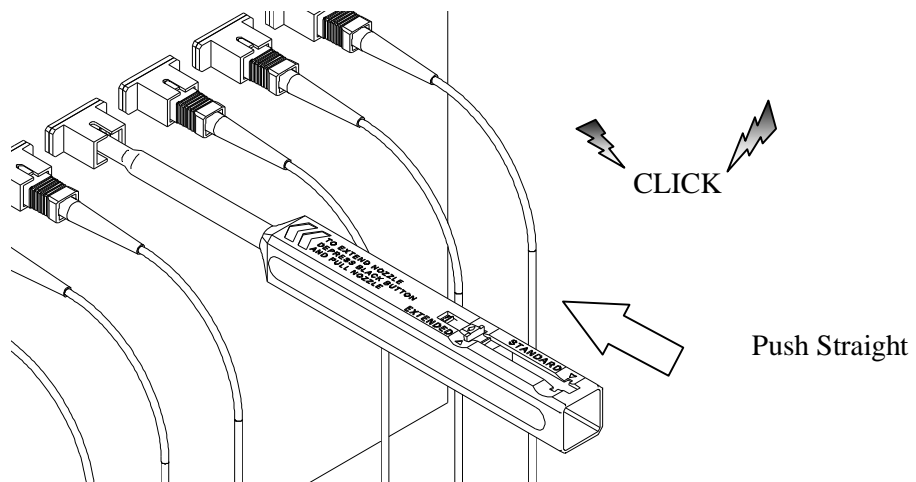


4.2 Insert Cleaner Tip into adapter.



NOTE: Drawing shows SC connector, but the product may also be used to clean ST and FC connectors.

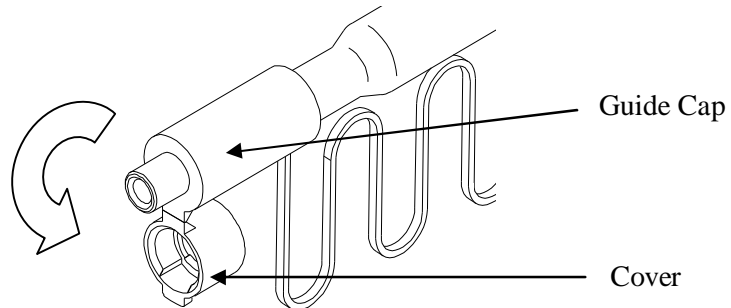
4.3 Push the Cleaner Body toward the adapter until an audible "CLICK" is heard.



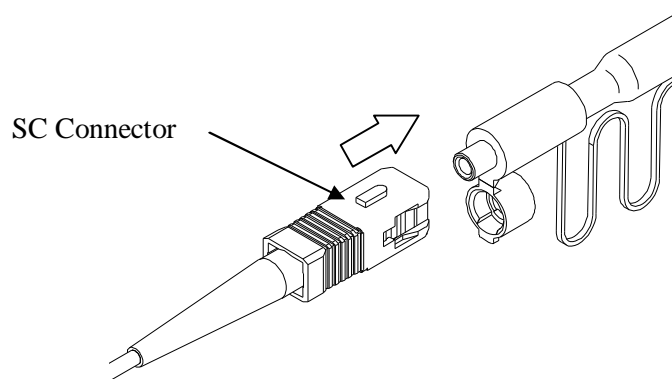
- Ø Do not tilt, angle, or slant the cleaner while inserting the tip into the adapter
- Ø Do not use excessive force during insertion as this may damage the connector and/or cleaner.
- Ø If resistance is experienced while pushing the Cleaner Body toward the adapter, remove the Cleaner Tip from the adapter and inspect for contamination on the tip and in the adapter.

## 5.0 Cleaning Connectors Not Installed In Adapters

- 5.1 Open the Cover of the Guide Cap.

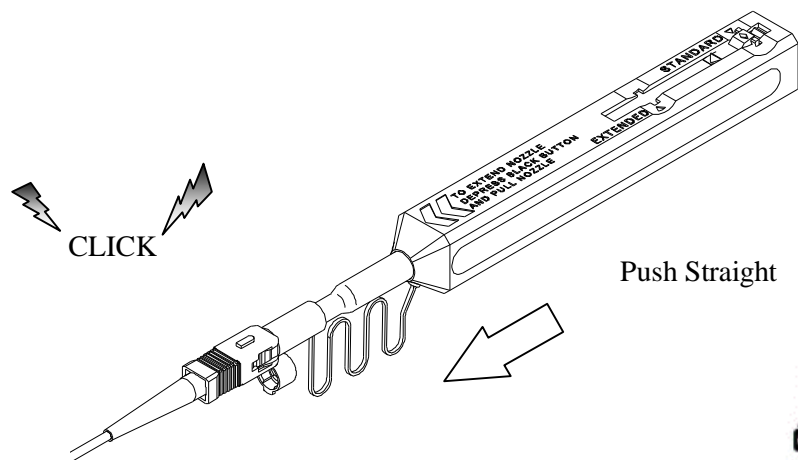


- 5.2 Insert the unmated connector into the Guide Cap.



NOTE: Drawing shows SC connector, but the product may also be used to clean ST and FC connectors.

- 5.3 Push the Cleaner Body toward the connector plug until an audible "CLICK" is heard.



- Ø Do not tilt, angle, or slant the connector while inserting into the Guide Cap.
- Ø Do not use excessive force during insertion as this may damage the connector and/or cleaner.
- Ø If resistance is experienced while pushing the Cleaner Body toward the connector plus, remove the connector from the Guide Cap and inspect for contamination on the connector or in the cap.

## 6.0 Ordering Information

Please direct all purchase requests to:

Customer Service  
US Conec, Ltd.  
P.O. Box 2306  
Hickory, NC 28603-2306 USA  
Telephone: 828-323-8883  
Toll Free: 800-769-0944  
Fax: 828-326-8808  
E-mail : [customerservice@usconec.com](mailto:customerservice@usconec.com)  
Website : <http://www.usconec.com>