

NOTES:

1. THIS PRODUCT COMPLIES WITH THE EU DIRECTIVE 2002/95/EC ON THE RESTRICTION OF THE USE OF HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT (RoHS).

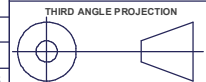
2. -INDIVIDUAL BOX DIMENSIONS:
L215 x W50 x H30 mm
-10pc. CARTON DIMENSIONS:
L220 x W154 x H106 mm

3. SHIPPING WEIGHTS: INDIVIDUAL = 58g
CASE = 827g

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Material:		N/A	
REV	DATE	DESCRIPTION	ECN
E	1/29/09	ADDED SHIPPING WEIGHTS TO DRAWING	01103
F1	7/05/11	REVISED MODEL GEOMETRY	01340
F	7/07/11	RELEASE	01340
G1	2/11/13	CREATED NEW VERSION OF IBC™ BRAND MPO CLEANER	01556
G	8/28/13	RELEASE OF NEW VERSION	01556

CUSTOMER
DRAWING

DIMENSIONS FOR REFERENCE
ONLY



METRIC/mm

		Hickory, NC 800-769-0944 www.usconec.com	
TITLE ASSY, CLEANER, MPO II, IBC™ BRAND CLEANER			
SIZE B	S&M Part No.: 7104	DWG NO. C7104	REV G
SCALE N.T.S.	Drafter M. YOUNT	Date: 7/27/2004	SHEET 1 OF 1

▲ DENOTES CRITICAL DIMENSION



Applications Engineering Notes


Document Title	IBC™ Brand Fiber Optic Connector Cleaner: MPO II Connector Instructions
Document Number	AEN-1820
Revision Number	Issue
Effective Date	October 21, 2013

Thank you for choosing the IBC™ Brand Fiber Optic Connector Cleaner. The IBC™ Brand Cleaner MTP® Brand MPO II is a high-performance device designed for cleaning the ferrule end faces of MPO-style connectors. 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 male or female MTP® Brand or MPO-style connectors.

2.0 Safety Precautions:

	Though our device is deemed safe, improper usage or handling may cause injury
	IBC Brand Cleaner MPO II is designed to clean male or female MTP® Brand and MPO-style connectors only. US Conec is not liable for damage caused in attempt to use this device for other applications.

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

3.0 Construction



Figure 1 – Cleaner Construction

	View of Indicator	View of Nozzle end
Full	Cloth (White)	Tip (Blue) Cloth (White)
Little	Clear	
Empty	Clear	Tip is shorten and unmoving

Identification of remaining cloth

Part	Part Name	Function
A	Guide Cap	Acts as a dust cap and is used as an adapter to cleaning connectors on jumpers.
B	Cleaner Tip	Aligns the cleaning cloth to the connector end face when cleaning through the connector adapter.
C	Nozzle	Allows the tip to reach connector adapters in patch panels.
D	Cap Holder	Used to store the guide cap when not in use.
E	Outer Shell	Houses cleaning cloth and pushed forward to clean the connector.
F	Material Indicator Window	Shows amount of cleaning material remaining
G	Strap Hole	Can be used to attach a strap to the cleaner (strap not included).

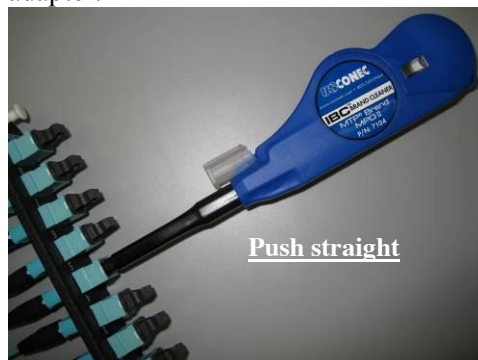
Figure 2 – Parts Descriptions

4.0 Cleaning Connectors Installed In Mating Adapters (Bulkhead Applications)

- 4.1 Remove the Guide Cap from the Cleaner Tip. The Guide Cap can be attached Cap Holder.



- 4.2 The IBC™ Brand Cleaner MPO II is keyed the same as a MPO connector. Insert the cleaner tip into the adapter with the key of the cleaner matching the keyway of the adapter.



Push the Outer Shell to start cleaning the connector end face. An audible “**click**” sound indicates end of cleaning process. This moves fresh cleaning material across the ferrule end face.

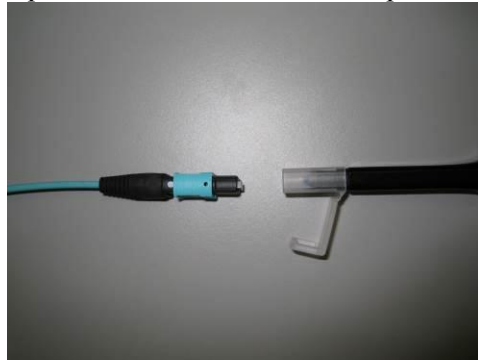
Note: Be careful not to slant the IBC™ Brand Cleaner MPO II while inserting into the adapter. Do not overly exert force during insertion as this may cause damage to both the connector and the IBC™ Brand Cleaner MPO II.

※If pushing Outer Shell is inhibited, remove IBC™ Brand Cleaner MPO II from the connector and verify that there is no large debris inhibiting the cleaning process.

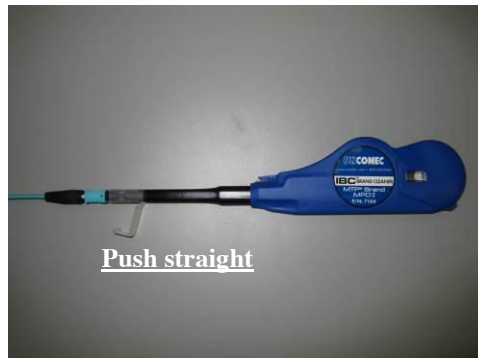
- 4.3 Remove the IBC™ Brand Cleaner MPO II from the adapter and replace the guide cap and cover.

5.0 Cleaning Connectors on jumper

- 5.1 Open the Cover of the Guide Cap.



- 5.2 Insert the unmated connector into the Guide Cap.



The guide cap of the IBC™ Brand Cleaner MPO II is keyed the same as a MPO adapter. Insert the connector into the guide cap with the key of the connector matching the eyway of the guide cap.

- 5.3 Push the Outer Shell to start cleaning the connector end face. An audible “**click**” sound indicates end of cleaning process. This moves fresh cleaning material across the ferrule end face.

Note: Be careful not to slant the IBC™ Brand Cleaner MPO II while inserting into the adapter. Do not overly exert force during insertion as this may cause damage to both the connector and the IBC™ Brand Cleaner MPO II.

※If pushing Outer Shell is inhibited, remove IBC™ Brand Cleaner MPO II from the connector and verify that there is no large debris inhibiting the cleaning process.

- 5.4 Remove the IBC™ Brand Cleaner MPO II from the adapter and replace the guide cap and cover.

6.0 Ordering Information

Part Number	Product Description	Units per Delivery
7104	IBC™ Brand Cleaner MPO II	1/1

Please direct all purchase requests to:

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