



# FISCHER FIBEROPTIC SERIES

**ROBUST**  
**OPTICAL PERFORMANCE**  
**EASY CLEANING**

CLEANING INSTRUCTIONS



REIMAGINING CONNECTIVITY  
TOGETHER

**fischer**<sup>®</sup>  
C O N N E C T O R S



## INTRODUCTION

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The Fischer FiberOptic Series push-pull connector solutions are purpose built to withstand the elements of rugged and harsh environments, providing virtually faultless optical performance. This rugged push-pull fiber optic connector, for both indoor and outdoor applications, **can also be available** pre-cabled for maximum performance and time saving.

Fischer Connectors recommends the following three cleaning options for the Fischer FiberOptic Series.

1. Rapid cleaning (one click cleaning) - FO1, FO2, FO4 and FOH.
2. Field cleaning (Tap water cleaning) - FO1, FO2 and FO4 only.

**CAUTION:** This cleaning method is **NOT** recommended for the FOH, as the electrical contacts should be completely dry before using the connector again.

3. Maintenance cleaning (ultrasonic cleaning)

**CAUTION:** This cleaning method is recommended for the FO1, FO2 and FO4. However, it is possible for the FOH, but only if the connector is completely dry before using it again because of the electrical contacts.

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## RAPID CLEANING (one click cleaning) - FO1, FO2, FO4 & FOH

FOR RAPID CLEANING WHEN NO VISIBLE DIRT IS PRESENT ON THE CONNECTOR

### What you need

- US conec IBC™ Brand Cleaner (H125)



- Tweezers



### Procedure

- Insert IBC™ Brand Cleaner on male contact (receptacles) and perform one click /cleaning per contact
- Remove the IBC™ Brand Cleaner adapter, insert it in the female contacts (plugs) and perform one click / cleaning per contact
- Always clean both sides of the connector (if you mate a dirty contact with a clean one, you pollute both of them)
- If the cleaning is not efficient enough, remove the sleeve holder, manually unscrew it for FO1 or use tweezers for FO2, FO4 and FOH and repeat the cleaning with the IBC™ Brand cleaner.



**Cleaning the electrical contacts is also necessary because dirt at their tip will lead to heat buildup and eventually to contact failure.**





## FIELD CLEANING (Tap water cleaning) - FO1, FO2, FO4 only

### What you need

- US conec IBCTM Brand Cleaner (H125)



- Tweezers



- Canned air



- Running Tap water



### Procedure

- Put your connector under running tap water until everything is cleaned
- Remove the sleeve holder, manually unscrew it for FO1 or use tweezers for FO2, FO4 and FOH and repeat the cleaning with the IBCTM Brand cleaner
- Repeat the tap water operation if needed
- Dry the contacts & connector by spraying canned air on it
- Dry the sleeve holder by spraying canned air on it
- Insert IBCTM Brand Cleaner on all contacts and perform one click / cleaning per contact
- Reassemble the sleeve holder



FO1



FO2, FO4



# MAINTENANCE CLEANING (ultrasonic cleaning) - FO1, FO2 &FO4

## What you need

- Ultrasonic bath  
*Recommended bath composition: Isopropyl alcohol*



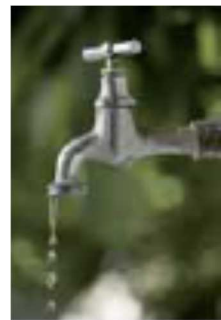
- Tweezers



- Canned air

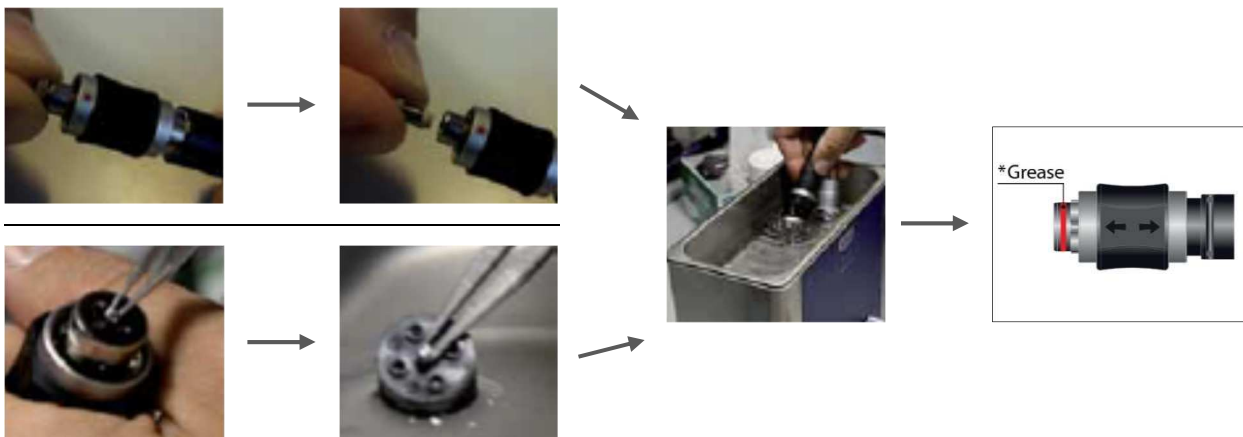


- Running Tap water



## Procedure

- Put your connector under running tap water until everything is globally cleaned
- Remove the sleeve holder, manually unscrew it for FO1 or use tweezers for FO2, FO4 and FOH and repeat the cleaning with the IBC™ Brand cleaner
- Put the connector & the sleeve holder in the ultrasonic bath for ~1 minute
- Dry the contacts & connector by spraying canned air on it
- Dry the sleeve holder by spraying canned air on it
- Reassemble the sleeve holder
- Slightly grease the plug sealing plan to recover full sealing capabilities\*





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