



Handling Instructions

Neutrik FOCD-STQ (Quad)



CAUTION: Laser radiation, do not look directly into beam of light!

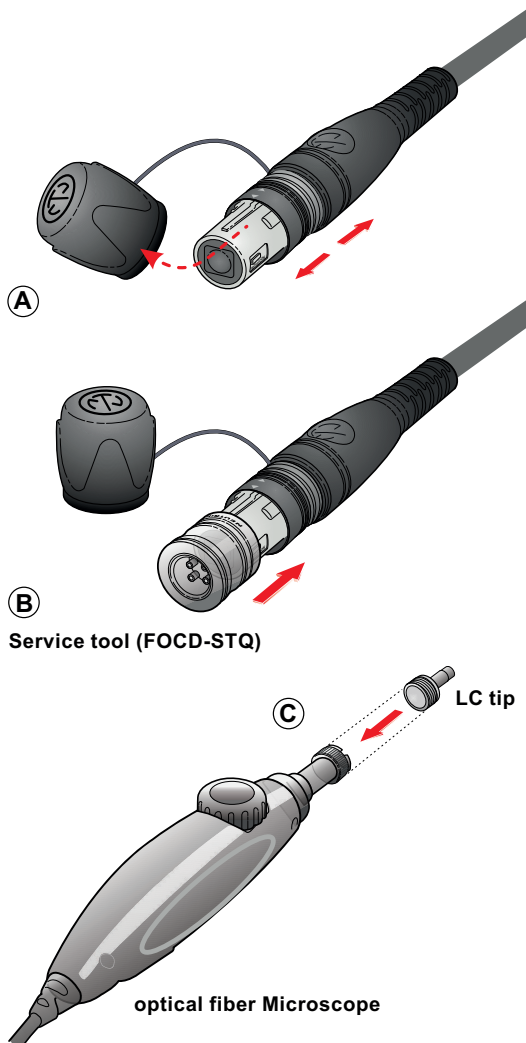
The sealing shutter mechanism of the opticalCON® avoids contamination of the LC ferrule locked inside. The dust-proof design reduces maintenance intervals to a minimum; if nevertheless necessary, follows the maintenance procedure below to avoid damages on the due to inproper cleaning.

A. Connector Cleaning / Inspection

Intervall: every 500 matings recommended

Tools:

- NEUTRIK® QUAD service Tool (FOCD-STQ)
- Dry Cleaner 1.25 mm (FOCD-DC125)
- optical fiber video probe



1. Inspection & Dry cleaning (using FOCD-DC125)

1.1 Disconnect both cable ends for safety reasons. Invisible laser radiation may be emitted from disconnected fibers or connectors. Do not stare into beams or view directly with optical instruments.

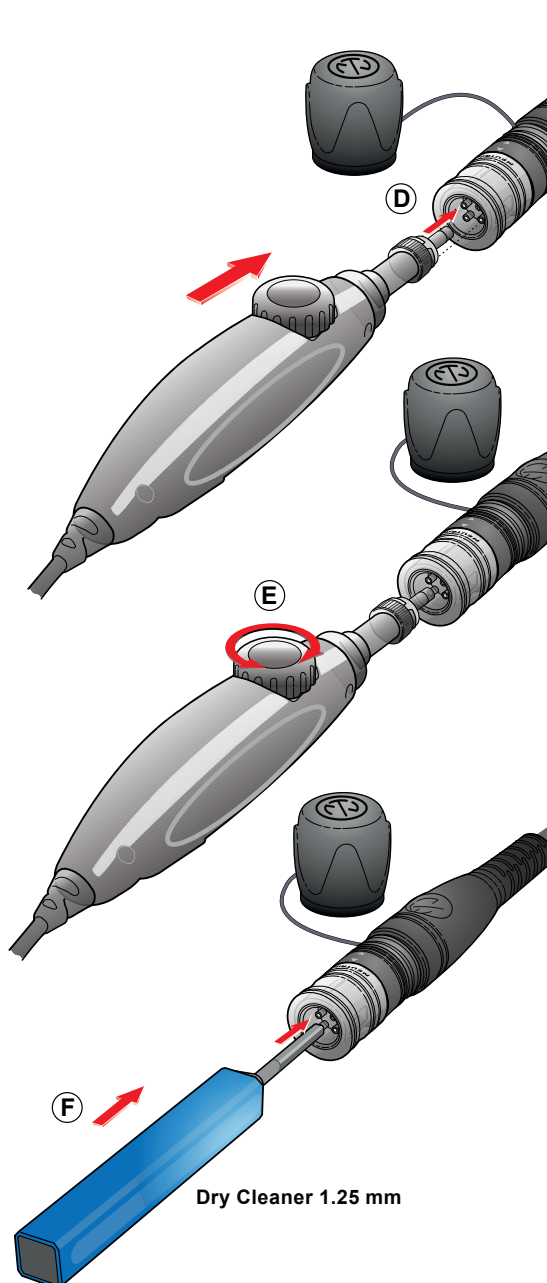
1.2 Remove dust cap from the connector (A) and mount NEUTRIK FOCD-STQ inspection tool on it until it is locked (B).

1.3 Prepare the optical fiber video probe with the correlate tip (C). Under the following QR-code you can find a list with appropriate video probs and tips.



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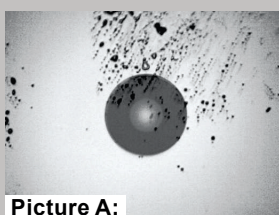
1.4 Insert the video probe tool into our NEUTRIK FOCD-STQ service tool (D).

1.5 To inspect the LC ferrule surface focus the video probe by rotating the focus wheel (E).

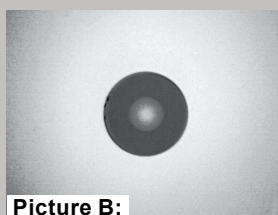
1.6 Clean the LC surface with the Dry Cleaner 1.25 mm over the NEUTRIK QUAD service tool.

1.7 Push back and forth the dry cleaner to start the cleaning procedure (F). An endless lint free tape removes dust particle on the ferrule surface of the LC connector.

1.8 Check the condition of the LC ferrule surface again and if necessary repeat step 1.7.



Picture A:



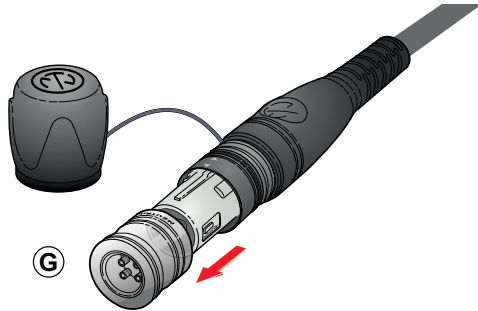
Picture B:

During inspection procedure, make sure that each ferrule is completely free of dust. As a reference the ferrule has to look as illustrated on Picture B.



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1.9 After the cleaning procedure unlock the NEUTRIK inspection tool (G).