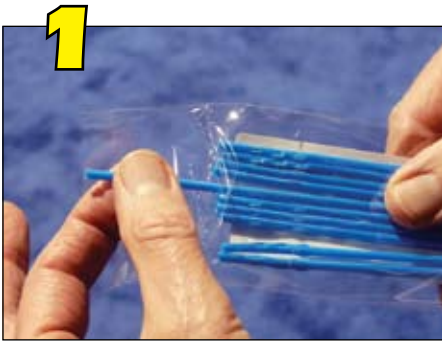


Cleaning Military Connectors



Tools You Need

If you don't have an inspection scope, every fiber optic connector should be cleaned every time it is mated, tested or reconfigured. "Wet-dry" cleaning improves cleaning performance. You need MicroCare's **Fiber Connector Cleaner** solvent (#MCC-FCC03M, photo, right) for cleaning the end-faces. This is a nonflammable, fast-drying solvent that replaces old-style alcohol cleaners. You also need the S16 and P25 **Fiber Cleaning Sticks**. The S16 stick (#MCC-S16) is for 1.6mm/2.0mm termini on Mil C-38999 and MIL C-28876 devices, and the P25 stick (#MCC-P25) is for cleaning exposed termini end-faces.



Prepare the Cleaning Stick

[Photo 1] Begin by removing one stick from the package. Be careful not to contaminate the tip by touching it. Re-seal the bag to avoid contaminating remaining sticks. NOTE: Photos 1 and 2 show the S25 stick, but the process is identical with the S16 and/or P25 sticks.

Dampen the Nib or Cleaning Tip

[Photo 2] Pick up the solvent, tilt it back slightly and slowly depress the dispenser to fill the "well" with solvent. Dip the nib briefly — damp is good, wet is bad. (A saturated tip cannot absorb contaminants).

Cleaning Female Side (within Alignment Sleeves)

[Photo 3] Insert the stick into the alignment sleeve. Vary the pressure on the end-face, pushing back on the spring slightly. Rotate the stick 5-10 times in one direction. Remove, discard and inspect.

Cleaning Exposed End-Faces

[Photo 4] After dampening the P25 stick, place the stick over the exposed terminus end-face, pushing back on the spring slightly. Rotate the stick 5-10 times in one direction. Remove, discard and inspect.



Left: Fingerprint oils on a terminus end-face.
Right: A properly cleaned connector terminus



Notes

TRADEMARKS: The Fiber Connector Cleaner solvent is protected under US patent #6,951,835. The cleaning sticks are protected under US patent #7,401,374. The FiberAide™ wipe and the Triton™ dispensing cap are both patent pending. The terms "Triton," "FiberWipe," "Drop-n-Stop," "FiberAide" and "FiberCare" plus the FiberCare logo are all trademarks of MicroCare Corp. The MicroCare name and logo are registered trademarks of MicroCare Corp.

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