

MMC Connector Cleaning Guide

This procedure is to be used as a reference on how to perform proper cleaning techniques for MMC Connectors. There are two cleaning tools available to clean MMC connectors:

- OPTIPOP Connector Cleaner
- Multifiber Connector Cleaner



OPTIPOP Connector Cleaner



Multifiber Connector Cleaner

Materials:

- OPTIPOP Non-Pinned: NTT-AT part number ATC-RE-01
- OPTIPOP Pinned: NTT-AT part number ATC-RE-03
- Multifiber Cleaner: US Conec part number 23121

OPTIPOP Connector Cleaner

When using the OPTIPOP Connector Cleaner, there is an option for a non-pinned and pinned version of the cleaner. Ensure the correct cleaner is purchased for both pinned and non-pinned capabilities. This cleaner will allow for a dry or a wet/dry clean. Simply start by removing the connector from the adapter by pulling the connector by the black boot shown in Figure 1 below.

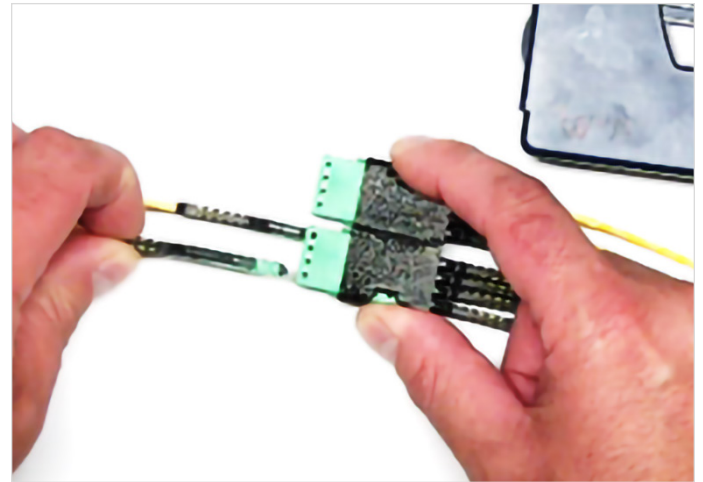
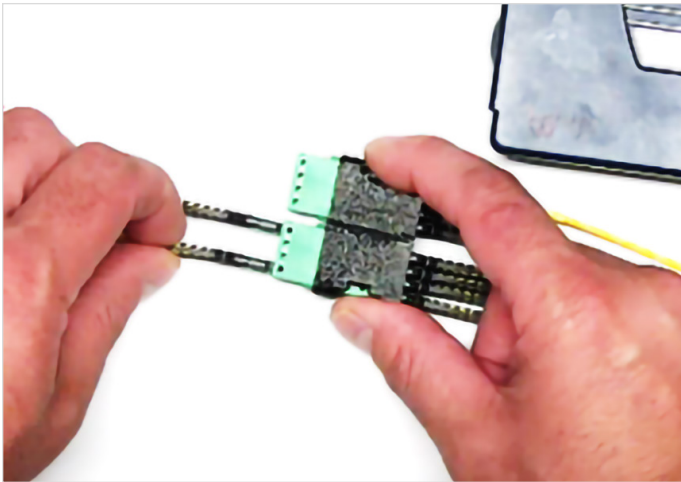


Figure 1: MMC Removal

After pulling the connector out of the adapter, proceed to clean the connector. Non-pinned connectors will be cleaned using the female version of the OPTIPOP with a smooth surface. Pinned connectors will be cleaned using the male version of the OPTIPOP with a recess side for the pins while the center will clean connector's end face as shown below in Figure 2.



Figure 2: Non-Pinned (Left) Pinned (Right)

When cleaning the end-face of the connector, the arrow designator on the OPTIPOP cleaner denotes the direction to wipe the connector. Once the connector has been cleaned, immediately re-insert the connector back into the adapter or replace the dust cap.

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To perform a wet/dry clean on the MMC connector begin by wetting an optical grade wipe with fiber optic cleaning fluid as shown in Figure 3 below. For a pinned version the same technique can be used as with the non-pinned version. Fold the wipe so that it will fit between the pins of the connector, gently rub the end face of the connector with cleaner as shown in Figure 4 below. Next, using the OPTIPOP cleaner, wipe the MMC connector end face parallel to the cleaning surface of the OPTIPOP as shown previously in Figure 2.



Figure 3: Apply Fiber Optic Cleaning Fluid

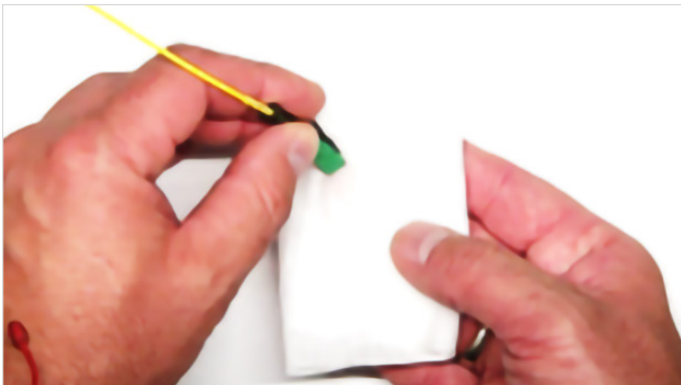


Figure 4: Applying Cleaner to Connector (Left Non-Pinned, Right Pinned)

Multifiber Connector Cleaner

The MMC one-click cleaner by US Conec can be used in both female and male versions of the MCC connector. To do this, simply start by pulling the connector by the black pulling boot out of the adapter, as shown in Figure 1, and insert the connector into the one click cleaner as shown below in Figure 5.

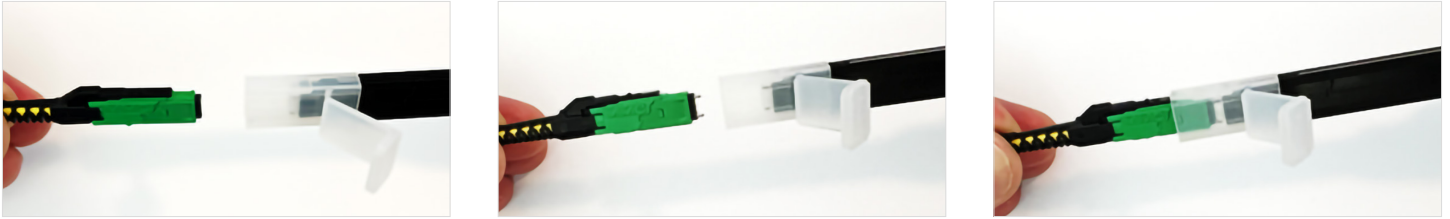


Figure 5: Inserting MMC Connector into Multifiber Connector Cleaner

If the white attachment from the Multifiber Connector Cleaner is removed, it can be inserted into the adapter to clean the connector on the other side without having to remove the connector from the adapter as shown in Figure 6 below. A wet clean can be performed using this cleaner by following Figure 4, and then using the Multifiber Connector Cleaner to dry the end face of the connector.

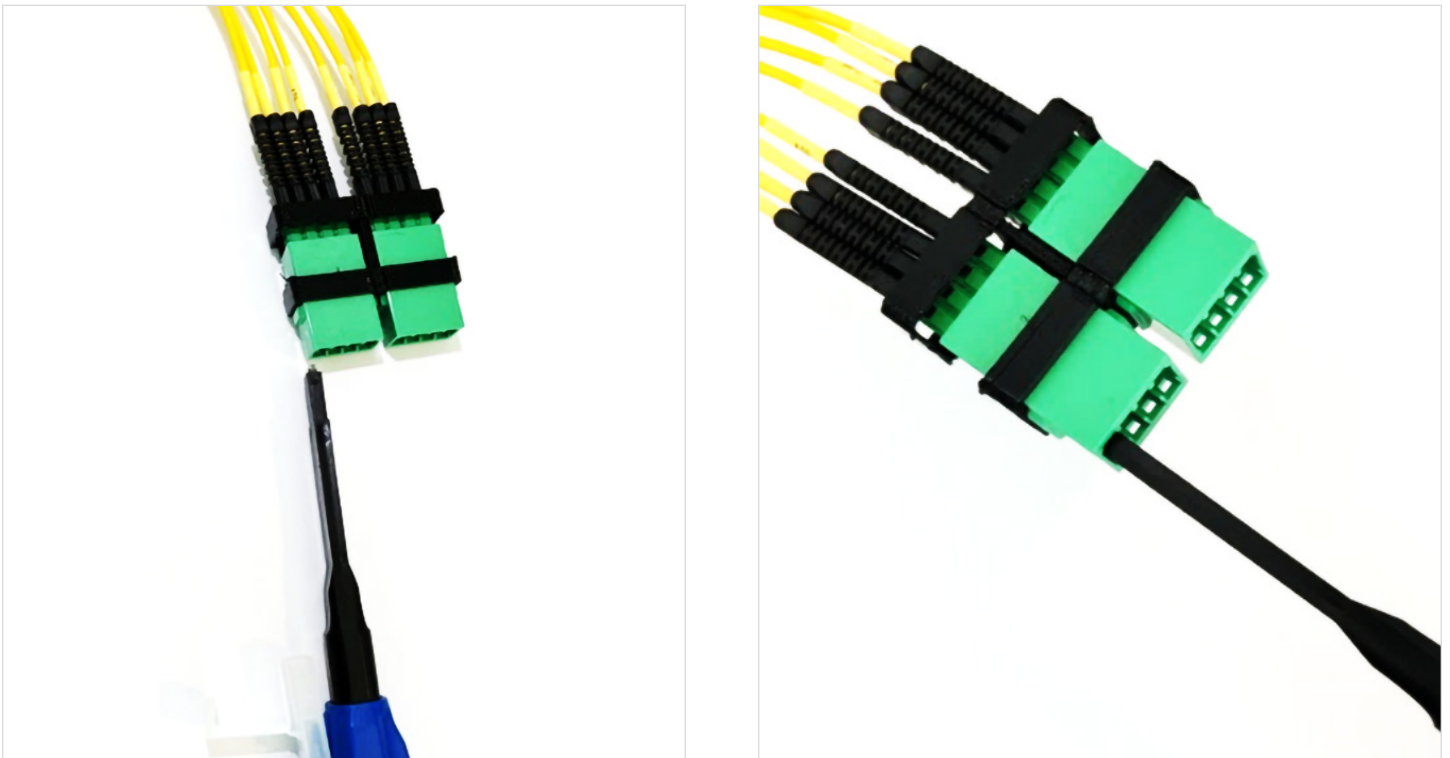


Figure 6: Cleaning the Connector Through the Adapter

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