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SUPPLIER RECOMMENDED PRACTICE

MMC Connector Cleaning Procedure



Step-by-step instructions for cleaning MMC connectors using

- Cassette-type
- One-click / push-style cleaners
- Fiber cleaning fluid, and lint-free wipes.

MMC Connector Cleaning Procedure

This procedure provides instructions for cleaning MMC connectors using cassette-type cleaners and one-click/push-style cleaners along with fiber cleaning fluids and lint-free clean wipes.

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- Wet & Dry Method — Cassette Cleaners



Types of MMC Connectors

MMC connectors are supplied in two mating configurations, distinguished by the position of the alignment pins on the ferrule housing.



MMC Pinned / Male Connector



MMC Un-pinned / Female Connector

Types of Cleaners

Two cleaner formats are used for MMC connectors: reel-type cassette cleaners, and one-click / push-style cleaners. Each is offered in a pinned and an un-pinned variant.

Cassette Reel Cleaners





ATC-RE-01

For un-pinned connectors.





ATC-RE-03

For pinned connectors.

Types of Cleaners

One-Click / Push-Style Cleaners



25802 MMC II

For pinned and un-pinned MMC 12/24 and MMC Jr connectors.



25803 MMC-16 II

For pinned and un-pinned MMC 16F connectors.

Types of cleaning fluids and lint free clean wipes

The wet-and-dry cleaning methods on the following pages use one of these fluids together with a lint-free wipe to remove residue from the ferrule before dry cleaning.



Optical Fiber Cleaning Fluid



99% Optical-Grade IPA



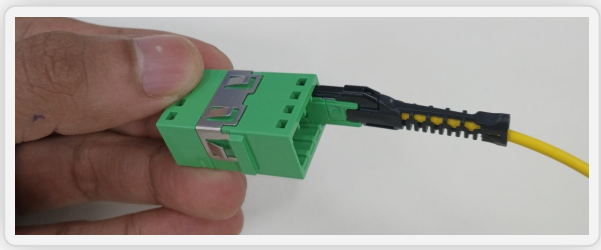
Micro-Fiber Clean Wipes

30% nylon / 70% polyester, lint-free.

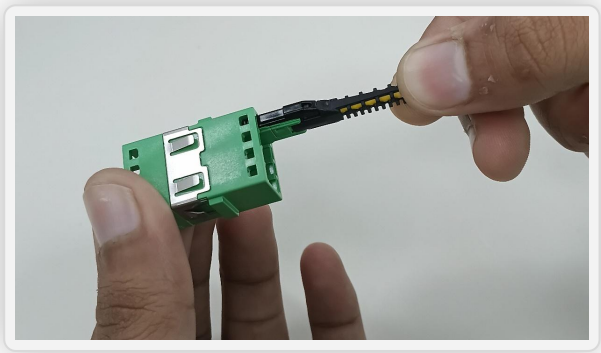
Cleaning Methods

Cleaning with One click/push-style cleaners-

1. Select the one click cleaner as per connector type (MMC 12/16/24).



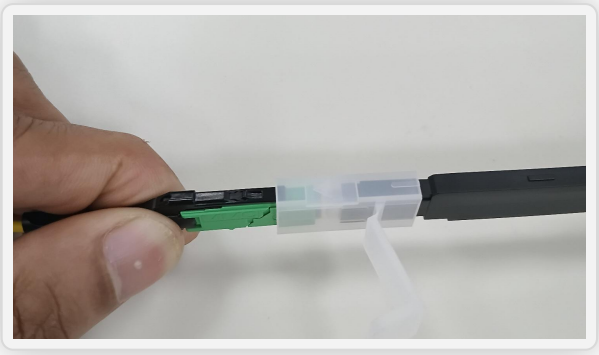
2. Remove the MMC connector from the adapter by pulling the black boot.



3. Insert the connector into the MMC cleaner end cap (white cap) with the latch of the connector facing upward and aligning with the triangle mark on the cleaner end cap in upward position.



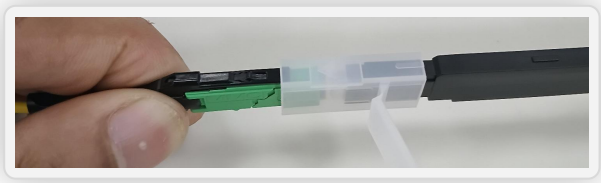
4. Click/Push the cleaner once by holding the connector.



Cleaning Methods

Cleaning with One click/push-style cleaners-

5. Remove the connector and close the flap on the end cap of the cleaner and proceed to carry out visual inspection of the connector.



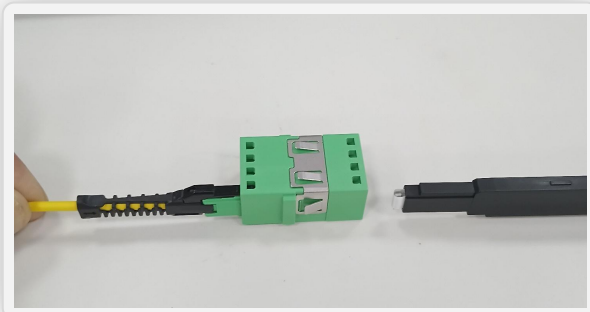
6. MMC connectors can also be cleaned without removing from the adapters.



7. Remove the end cap of the cleaner.

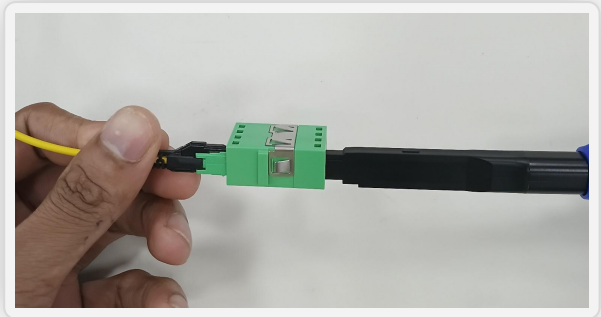


8. Insert the cleaner tip into the adapter aligning with the orientation of the connector latch upwards and the step mark design on the tip of the cleaner in upward direction.



9. Push the cleaner once.

8. Remove the cleaner and attach the end cap to the cleaner and proceed to carry out visual inspection of the connector.



Wet and dry method with One click style cleaners

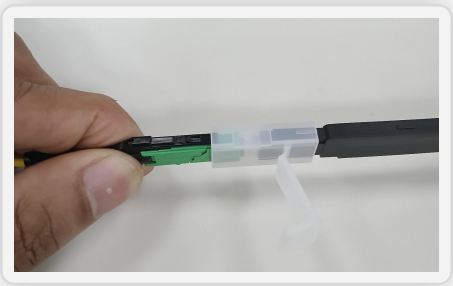
1. Spray small amount of 99% IPA or optical fiber cleaning fluid onto the lint free wipe.



2. Lightly touch the tip of the cleaner to the wet spot on the wipe.



3. The tip should be slightly damp and must not be excessively wet.



4. Insert the damp cleaner tip with or without the end cap to clean the connector or to clean inside the adapter respectively.



5. Clean again immediately with the dry cleaner to remove any remaining residue and perform visual inspection of the connector.



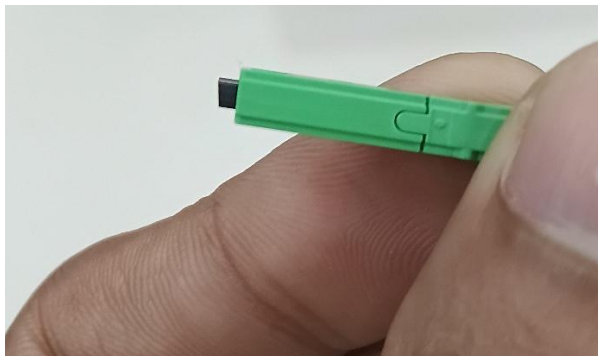
Cleaning with Cassette reel optipop cleaners

- Select the cassette cleaner as per pinned or unpinned connector type.
- Remove the connector from the adapter by pulling the black boot.

Un-pinned Connector

Click the button of the cassette and slide the connector downwards aligning with the direction arrow marked on the cassette cleaner. The inclined ferrule portion should be on top side while cleaning.

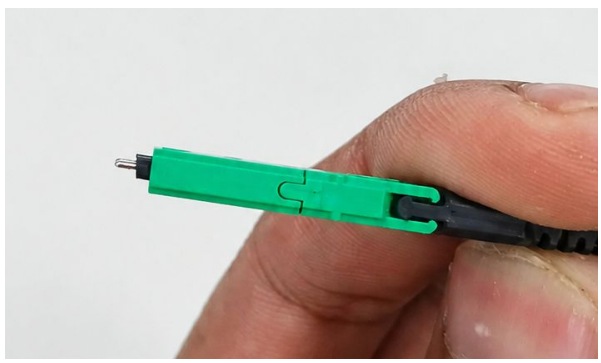




Pinned Connector

Click the button of the cassette and slide the connector downwards aligning with the direction arrow marked on the cassette cleaner. The ferrule portion between male pins of the connector should be fitted onto the slider. The inclined ferrule portion should be on top side while cleaning.

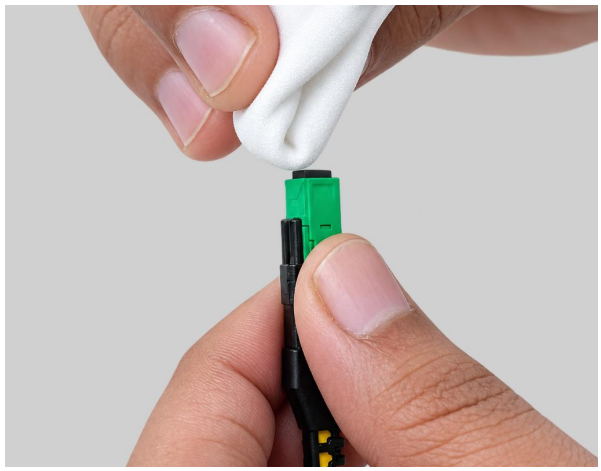




Wet and dry method with cassette cleaners

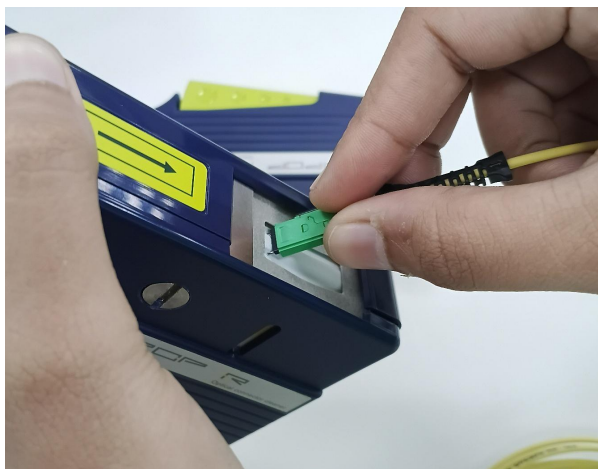
1. Spray small amount of 99% IPA or optical fiber cleaning fluid onto the lint free wipe.
2. Fold the lint free wipe so that it fits onto the ferrule properly.





3. Gently rub the ferrule with the damp lint-free wipe, moving in one direction only.
4. Immediately dry-clean the connector again by sliding it onto the cassette cleaner, to remove any remaining residue.





take strides

About STL – Sterlite Technologies Ltd:

STL is a global leader in advanced connectivity solutions, providing end-to-end solutions for building AI-ready infrastructure, FTTx, Rural, Enterprise and Data Center networks. With manufacturing facilities in North America, Europe and Asia, we deliver our solutions in more than 100 countries. Data Center & Cloud companies, Telecom operators, Internet service providers and Large enterprises collaborate with STL to build their future-ready digital infrastructure. STL's business goals are driven by customer-centricity, R&D and sustainability.

This document is provided for guidance only. Always follow site-specific safety and quality procedures. Product names and part numbers are illustrative of the cleaner types referenced and may vary by supplier.