

Pen type optical fiber connector cleaner

NEOCLEAN-MMC,MMC16 User's Manual

1. Introduction

Thank you for choosing the "NEOCLEAN-MMC" or "NEOCLEAN-MMC16" optical connector cleaner. This product is a pen-type optical fiber connector cleaner that cleans the ferrule end face of the MMCTM connector. Please read this instruction manual carefully to ensure proper use.

2. Safety Instructions

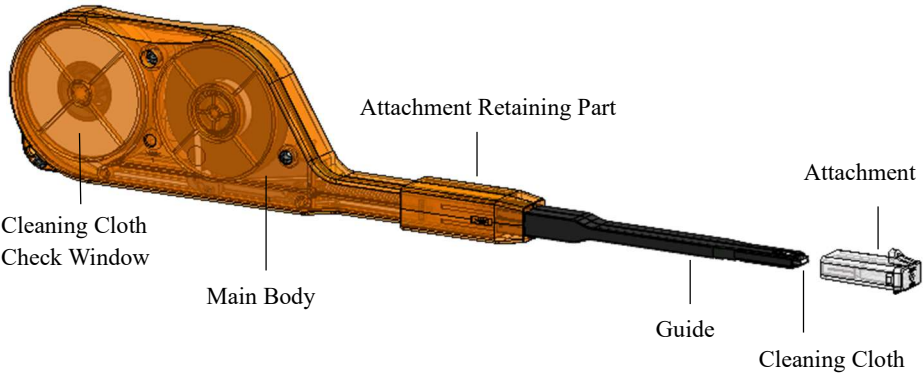
 Caution	• This product should only be used for cleaning MMCTM connectors. Otherwise, it may not function properly. • Be careful not to get injured by hitting your hand against the surrounding equipment during operation when using this product in a small area. • Do not touch the Cleaning Cloth. Otherwise, cleaning performance may be impaired. • Pay special attention so that excessive force is not applied to the tip where the Cleaning Cloth passes. Otherwise, it may be deformed or damaged. • Check the remaining Cleaning Cloth through the Cleaning Cloth Check Window before use. Do not use the device if the Cleaning Cloth is not present. • When storing the device, always attach the supplied Attachment to protect the Cleaning Cloth.
 Prohibited	• Do not store in direct sunlight, and avoid hot and/or humid environment as the product may become deformed. • Do not disassemble, repair by yourselves or modify the main unit. It can affect performance. • Do not use this product forcibly in a confined space so that it is difficult to operate. Otherwise, this product or cleaning target may be damaged.

※ "MMC" is a trademark of US Conec Ltd.

※ "NEOCLEAN" is a registered trademark of NTT Advanced Technology Corporation.

3. Part Names and Features

3-1. Part Names



3-2. Features and Specifications

This product can clean the end faces of more than 580 connectors with a single unit. The cleaning ability is enhanced by using a special Cleaning Cloth for cleaning optical connectors.

Specifications

Product name	NEOCLEAN-MMC	NEOCLEAN-MMC16
Model No.	ATC-NM-MMC	ATC-NM-MMC16
Compatible connector	MMC™	MMC-16™
Size	270(L) x51(H) x 19(W)mm without Attachment	
Weight	Approx. 53g	
Usages	More than 580 times	

4. How To Use

4-1. Checking the remaining Cleaning Cloth

Check the remaining amount of Cleaning Cloth through the Cleaning Cloth Check Window on the side of the Main Body before use. When the remaining Cleaning Cloth becomes low, the black stop tape will be visible. At that time stop using the cleaner. If used up to the limit, the adhesive on the stop tape may adhere to the connector. Please note that if you continue to use this cleaner in this state, the Cleaning Cloth will no longer feed, and the Guide will remain retracted instead of returning to its initial position, making cleaning impossible.



Large amount

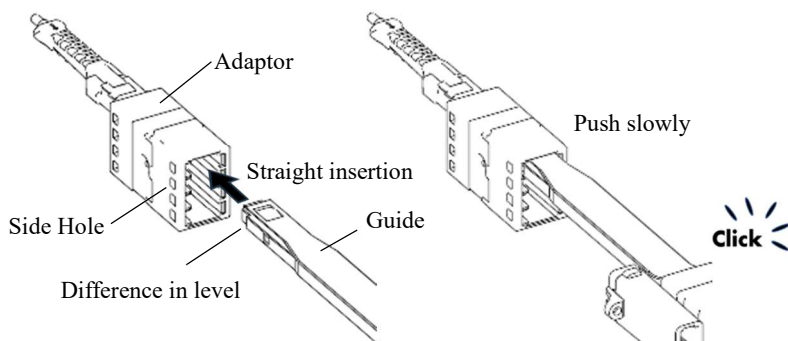


Stop tape (Black)

Small amount

4-2. How to clean the optical connector inside the device (in the adapter)

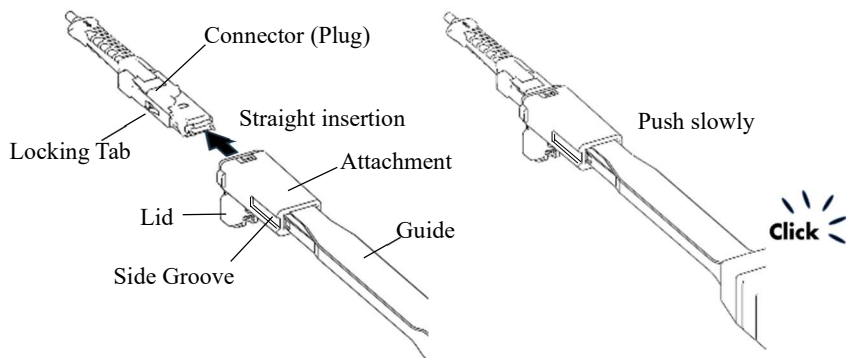
- ① Remove the Attachment from the Guide and store it safely so it does not get lost.
(Refer to 4-4 for the method of attaching the Attachment to the main unit.)
- ② Align the orientation of the Guide's stepped tip with the hole on the side of the adapter, then insert the Guide straight into the adapter. Please note that it cannot be inserted in the reverse orientation. Once it hits the stop, push it further until you hear a "click," indicating that cleaning is complete. Please note that pushing it in too quickly may result in reduced cleaning performance or damage.



4-3. How to clean the single optical connector (plug)

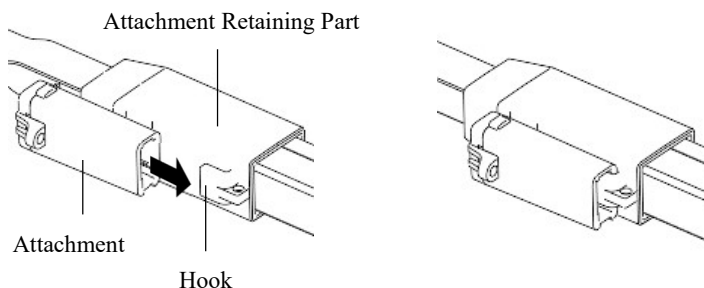
①Open the Lid at the tip of the Attachment.

②Align the connector's Locking Tab with the Side Groove of the Attachment, and insert the Guide straight into the adapter. Please note that it cannot be inserted in the reverse orientation. Once it reaches the stop, push it further until you hear a "click," indicating that cleaning is complete. Please note that pushing it in too quickly may result in reduced cleaning performance or damage.



4-4. How to attach the Attachment

When removing the Attachment for cleaning, hook the rear end of the Attachment onto the Hook of the Attachment Retaining Part to avoid losing it.



5. Storage and disposal of products

Store away from direct sunlight, high temperatures and high humidity.

When disposing of the product, follow the regulations in your area.

- Why do I need to clean and inspect the end face now?

White paper of the effects of contamination on the end face of the optical connector and countermeasures is available.

https://www.ntt-at.com/product/special_cleaner01/

- Contact

NTT ADVANCED TECHNOLOGY CORPORATION

In charge of optical connector cleaners

Email: bbs@ml.ntt-at.co.jp

URL: https://keytech.ntt-at.com/en/optic1/prd_0051.html