Product Specification

Object	Plug/Adaptor						
Type	Pen Type						
Product	NEOCLEAN-E			NEOCLEAN-EZ			
	E1	E2	E3	EZ1	EZ2	EZ3	EZ1 Plus	EZv
Model#	ATC-NE-E1	ATC-NE-E2	ATC-NE-E3	ATC-NE-EZ1	ATC-NE-EZ2	ATC-NE-EZ3	ATC-NE-EZ1P	ATC-NE-EZv
Compatible Connectors	MU, LC	SC,SC2, FC, FAS, FA	SC, FC, ST, E2000, PC/APC	MU, LC	SC, SC2, FC, FAS, FA	SC,FC,ST,E2000, SMPTE304M*	ODC,LC,MU,Ø1.25mm Ferrule Connector	Ø2.0mm Ferrule Connector for HDTV*
Size (mm)	L:240	L:230	L:230	L:104 (with attachment:113 / extended:167)	L:109 (with cap:121)	L:107 (with cap:113)	L:109 (with cap:121)
Usages	Over 750 times			Over 400 times				
Consumables — Type	Replaceable Cartridge			Disposable Type				
Consumables — Product	Cartridge (3 units/set)							
Consumables — Model#	ATC-NE-ES1	ATC-NE-ES2	ATC-NE-ES3					

*Compatible with other types of hybrid connector for HDTV.

Object	Plug/Adaptor			
Type	Pen Type			
Product	NEOCLEAN-F		NEOCLEAN-M	NEOCLEAN-M2
Model#	ATC-NF-12	ATC-NF-25	ATC-NE-M1	ATC-NE-M2
Compatible Connectors	MU, LC (PC/APC)	SC, FC, ST, E2000 (PC/APC)	MPO, MTP® (Pins yes/no)	MPO-16, MTP®-16 (Pins yes/no)
Size (mm)	L:163 (not including attachments) × W:15 × H:22		L:197 (not including attachments) × W:15 × H:51	
Usages	Over 1000 times		Over 600 times	
Consumables	Disposable Type		Disposable Type	

Object	Plug					
Type	Click Type Cassette					
Product	OPTIPOP				CLETOP-S	
	R1	R2	R3	R4	A Type	B Type
Model#	ATC-RE-01	ATC-RE-02	ATC-RE-03	ATC-RE-04	14110501	14110601
Compatible Connectors	Single core, Multi-core (no pin)	Single core	MT, MPO (with pin)	MT-RJ (with pin)	Single core (ideal for ø2.5mm)	Single core, Multi-core (no pin)
Size (mm)	W:124 x D:35 x H:83				W:125 x D:35 x H:85	
Usages	Over 400 times				Over 400 times	
Consumables — Type	Replaceable Cartridge (6 reels/set)				Replaceable Cartridge (6 reels/set)	
Consumables — Product	OPTIPOP RS				Blue Tape / White Tape	
Consumables — Model#	ATC-RS-01				14110700 / 14110710	

Object	Plug				
Type	Lever Type Cassette				Simple Type
Product	CLETOP				NEOCLEAN-R2
	A Type	B Type	MT-RJ Type	MPO Type	
Model#	14100501	14100601	14100101	14100201	ATC-NE-R2
Compatible Connectors	Single core (ideal for ø2.5mm)	Single core, Multi-core (no pin)	MT-RJ (with pin)	MT, MPO (with pin)	Single core, Multi-core (no pin)
Size (mm)	W:130 x D:40 x H:75				W:115 x D:25 x H:55
Usages	Over 400 times				Over 400 times
Consumables — Type	Replaceable Cartridge (6 reels/set)				Disposable Type
Consumables — Product	Blue Tape / White Tape				
Consumables — Model#	14100700 / 14100710				

Object	Adaptors					
Type	Stick Type					
Product	NEOCLEAN-S		CLETOP Stick			
	S125	S250	1.25mm Type	2.5mm Type	2.0mm Type	2.0/2.5mm Double ended
Model#	ATC-ST-01N	ATC-ST-02N	14100401	14100400	14100402	14100403
Compatible Connectors	ø1.25mm	ø2.5mm	ø1.25mm	ø2.5mm	Connectors for High Vision Cameras	
Length (mm)	Max. 152 - Min. 45		101	147	147	151
Packing Specifications	250 sticks/set		200 sticks/set	200 sticks/set	100 sticks/set	

Notes:
* CLETOP, OPTIPOP and NEOCLEAN are trademarks of NTT Advanced Technology Corporation.
* "MTP" is a registered trademark of US Conec Ltd. Other company names, product names, etc. recorded herein are trademarks or registered trademarks of each respective company.
* Please understand that the contents recorded herein may be subject to change without notification.
* Catalog contents from January, 2023 to present.

For more information, please contact
https://keytech.ntt-at.co.jp/en/optic1/index_s.html

NTT AT

NTT-AT OPTICAL CONNECTOR CLEANER LINEUP
NEOCLEAN™ CLETOP™ OPTIPOP™ SERIES

The pioneer in optical connector cleaners, brings to you the highest quality cleaning tools.

IT Infrastructure Support

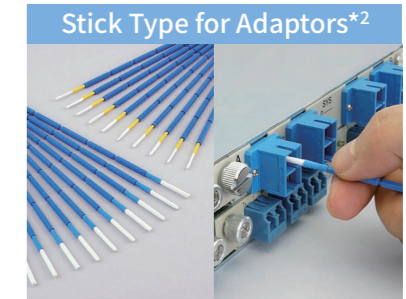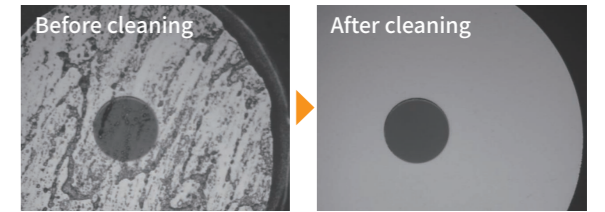https://keytech.ntt-at.co.jp/en/optic1/index_s.html

Supporting reliability in telecommunications service: NTT-AT's Optical Connector Lineup

The cause of many troubles in optical communication equipment is contamination on the end face of optical connectors. NTT Advanced Technology's optical connector cleaners use fiber developed specifically for optical connectors, so even the smallest contaminants not visible to the naked eye are removed.
Engineered with both highly portable compact designs and ease of operation in mind, and since no cleaning fluids are necessary there are no special needs for the operating environment either.
We have prepared a full lineup of cleaners compatible with every type of optical connector. Please put our technology to work for you.

Why is cleaning optical connectors so important?
Optical connector end face is easily contaminated, and when contaminants adhere to the 10μm diameter optical fiber core, there is a high chance of transmission quality being affected. Since there is also the danger of fiber end face being damaged by high power light, cleaning is necessary before making a connection.
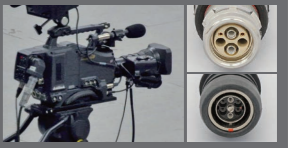
Before cleaning → After cleaning

Cartridge Type for us in plugs*1

Pen Type Convertible for plugs and Adaptors
Compatible for plugs or adaptors with the attachment conversion

Stick Type for Adaptors*2

*1: For ferrule end face cleaning in plugs. *2: For ferrule end face cleaning in adaptors

CLETOP Series

OPTIPOP Series

NEOCLEAN Series

Main Connector/Cleaner Compatibility Chart

Compatible Connector | Ferrule End Face Cleaner

Single core optical connectors

Compatible Connector	Ferrule End Face Cleaner
MU plug, LC plug	NEOCLEAN-R2, NEOCLEAN-E1, NEOCLEAN-EZ1, NEOCLEAN-F12, NEOCLEAN-EZ1 Plus / OPTIPOP R1/R2 (R1, R2) / CLETOP-S B type, CLETOP B type
SC plug, FC plug, ST plug *4, E2000 plug	NEOCLEAN-R2, NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ2, NEOCLEAN-EZ3, NEOCLEAN-F25 / OPTIPOP R1/R2 (R1, R2) / CLETOP A/B type, CLETOP-S A/B type (A type, B type)
MU adaptor, LC adaptor	NEOCLEAN-E1, NEOCLEAN-EZ1, NEOCLEAN-EZ1 Plus, NEOCLEAN-F12 / NEOCLEAN-S125 / CLETOP stick 1.25mm type
SC adaptor, FC adaptor, FA plug *3, FAS plug, FA socket, FAS socket, ST adaptor, E2000 adaptor *5	NEOCLEAN-E3, NEOCLEAN-EZ2, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25 / NEOCLEAN-S250 / CLETOP stick 2.5mm type

Multi-core connectors

Compatible Connector	Ferrule End Face Cleaner
MT plug no pin, MPO plug no pin, MTRJ plug no pin	OPTIPOP R1 / CLETOP-S B type, CLETOP B type / NEOCLEAN-R2
MT plug with pin, MPO plug with pin	OPTIPOP R3 / CLETOP MPO type
MPO adaptor pins yes/no, MPO plug pins yes/no	NEOCLEAN-M, NEOCLEAN-M2

Video equipment
For video equipment
Optical compound connectors

Cleaners for video equipment
Optimal cleaning for various video equipment (LEMO, Tajimi, CANARE brand, etc.)
NEOCLEAN-EZv
NEOCLEAN-EZ3
CLETOP stick 2.0/2.5mm Double ended
CLETOP stick 2.0mm type

for ODC connectors
Compatible Connectors:
MU, LC, ODC, MF10B, MF10S, 1.25mm Ferrule Connector

The EZ1 Plus can clean 1.25mm optical connector ports and ODC plugs using the main body. In addition, you can clean plugs and ODC sockets by installing the included green attachment.

*3: For cleaning FA plugs / FAS plugs, please use NEOCLEAN-E or NEOCLEAN-EZ. *4: For cleaning E2000 plug, please use NEOCLEAN-E3 or NEOCLEAN-EZ3. *5: For cleaning ST / E2000 adaptor, please use NEOCLEAN-E3 or NEOCLEAN-EZ3.
[We have cleaners for connectors not shown in the above chart, so please feel free to consult with us about any needs you may have.]