



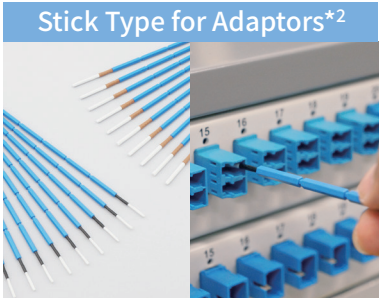
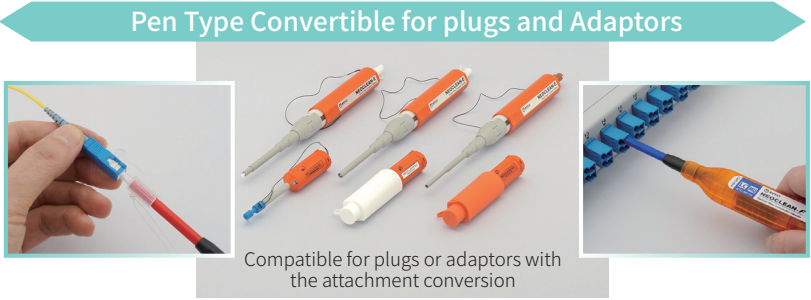
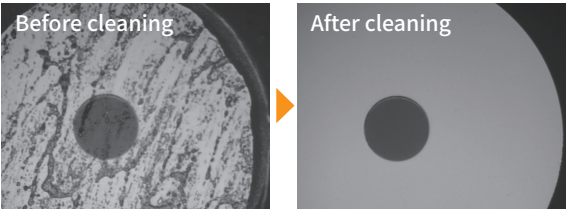
The pioneer in optical connector cleaners,
brings to you the highest quality cleaning tools.



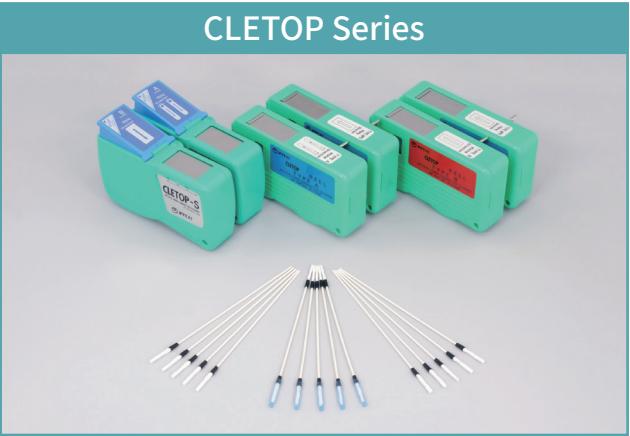
Supporting reliability in telecommunications service: NTT-AT's Optical Connector Lineup

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.



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



Main Connector/Cleaner Compatibility Chart		Compatible Connector			Ferrule End Face Cleaner		
Single core optical connectors		MU plug			NEOCLEAN-R2, NEOCLEAN-E1, NEOCLEAN-EZ1, NEOCLEAN-F12, NEOCLEAN-EZ1 Plus		
		LC plug			OPTIPOP R1/R2, CLETOP S B type, CLETOP B type		
		SC plug			NEOCLEAN-R2, NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		FC plug			OPTIPOP R1/R2, CLETOP S A/B type, CLETOP S A/B type B type		
		ST plug			NEOCLEAN-R2, NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ2, NEOCLEAN-EZ3, NEOCLEAN-F25		
Multi-core connectors		E2000 plug			NEOCLEAN-E1, NEOCLEAN-EZ1, NEOCLEAN-F12, NEOCLEAN-EZ1 Plus		
		MU adaptor			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		LC adaptor			NEOCLEAN-S125, CLETOP stick 2.0/2.5mm Double ended, CLETOP stick 2.0mm type		
		SC adaptor			NEOCLEAN-S250		
		FC adaptor			CLETOP stick 2.5mm type		
Video equipment		FA plug			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		FAS plug			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		FA socket			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		FAS socket			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		E2000 adaptor			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
Cleaners for video equipment		MT plug no pin			NEOCLEAN-E1, NEOCLEAN-EZ1, NEOCLEAN-F12, NEOCLEAN-EZ1 Plus		
		MPO plug no pin			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		MTRJ plug no pin			NEOCLEAN-S125, CLETOP stick 2.0/2.5mm Double ended, CLETOP stick 2.0mm type		
		MT plug with pin			NEOCLEAN-S250		
		MPO plug with pin			CLETOP stick 2.5mm type		
for ODC connectors		MPO adaptor pins yes/no			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		MPO plug pins yes/no			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		MT plug no pin			NEOCLEAN-E1, NEOCLEAN-EZ1, NEOCLEAN-F12, NEOCLEAN-EZ1 Plus		
		MPO plug no pin			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		MTRJ plug no pin			NEOCLEAN-S125, CLETOP stick 2.0/2.5mm Double ended, CLETOP stick 2.0mm type		
Compatible Connectors:		MU plug			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		LC plug			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		ODC			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		MF10B, MF10S			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		1.25mm Ferrule Connector			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
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.		MT plug no pin			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		MPO plug no pin			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		MTRJ plug no pin			NEOCLEAN-S125, CLETOP stick 2.0/2.5mm Double ended, CLETOP stick 2.0mm type		
		MT plug with pin			NEOCLEAN-S250		
		MPO plug with pin			CLETOP stick 2.5mm type		
Compatible Connectors:		MU plug			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		LC plug			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		ODC			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		MF10B, MF10S			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		1.25mm Ferrule Connector			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
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.		MU plug			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		LC plug			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		ODC			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		MF10B, MF10S			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		
		1.25mm Ferrule Connector			NEOCLEAN-E3, NEOCLEAN-E2, NEOCLEAN-EZ3, NEOCLEAN-F25		

*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.]

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			
	Product	Cartridge (3 units/set)						
	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)	
	Product	OPTIPOP RS			Blue Tape / White Tape	
	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
	Product	Blue Tape / White Tape			
	Model#	14100700 / 14100710			

Object	Adaptors				
Type	Stick Type				
Product	NEOCLEAN-S		CLETOP Stick		
	S125	S250	2.5mm Type	2.0mm Type	2.0/2.5mm Double ended
Model#	ATC-NS-125	ATC-NS-250	14100400	14100402	14100403
Compatible Connectors	ø1.25mm	ø2.5mm	ø2.5mm	Connectors for High Vision Cameras	
Length (mm)	S125:153mm S250:152mm (Can be cut short into 4 levels.)		147	147	151
Packing Specifications	200 sticks/set		200 sticks/set	200 sticks/set	100 sticks/set

Notes:
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