

When to Clean

START

Remove dust cap and perform a dry clean on both connector end faces and then immediately patch into adapter

Test for optical performance

Does the test perform to specifications?

No

Troubleshooting begins including wet cleaning

Yes

END

Tools Needed to Clean

One Click Cleaner – Can come in many versions such as: MMC, MTP®, LC, SC and other specialty connectors



OPTIPOP cleaner – Also comes in many variations for SC, LC, MMC, MPO, and more



Material for Wet Cleans — to wet clean a connector, use a ≥ 99% alcohol-based cleaning fluid and lint-free wipes



Stick Cleaners – for those hard-to-reach areas. The sticks and pipes come in multiple sizes and can be used for adapters, receptacles, and lenses



Note: Ensure you have the correct fiber count cleaner for your connector. Ex: 12/12F MMC vs. 16F MMC

How to Clean

Multifiber Cleaning Steps

(For MMC and MPO connectors)

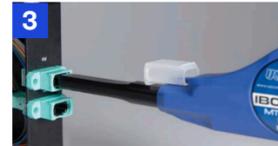
Cleaning inside a bulkhead



Remove guide cap and place it on the cap holder



Insert tip of cleaner into adapter



Push the cleaner forward inside the adapter until you hear a click

Cleaning unmated connectors



Open the cover of the guide cap



Insert connector into the guide cap



Push the cleaner forward towards the connector end face until you hear a click

Single-Fiber Cleaning Steps

(For LC, SC, and other single-fiber connectors)

Cleaning inside a bulkhead



Remove guide cap and place it on the cap holder



Insert tip of cleaner into adapter

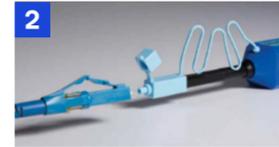


Push the cleaner forward inside the adapter until you hear a click

Cleaning unmated connectors



Open the cover of the guide cap



Insert connector into the guide cap



Push the cleaner forward towards the connector end face until you hear a click

Wet-Dry Cleaning Steps

Cleaning inside a bulkhead



Apply cleaning fluid to the lint-free wipe



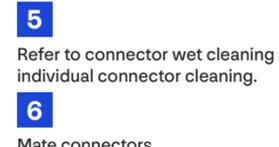
Remove cleaner cap and touch tip to wet lint-free wipe



Insert tip of cleaner into adapter and press forward until you hear a click. This cleans the first patched connector



Conduct a dry clean with a dry one-click cleaner



Refer to connector wet cleaning steps for individual connector cleaning.



Note: Never apply cleaning fluid directly to connector, adapter or optic. Always apply to a wipe first.

Wet-Dry Cleaning Steps

Cleaning outside a bulkhead



Apply cleaning fluid to the lint-free wipe



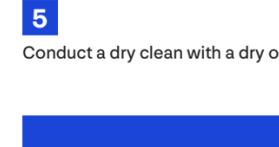
Remove cleaner cap and touch tip to wet lint-free wipe



Put cleaner cap back onto cleaning stick and insert connector in guide cap



Push the cleaner forward into the end face until you hear a click



Conduct a dry clean with a dry one click cleaner

Cassette Cleaning Steps

Using an OPTIPOP Cassette



Depress lever to expose cleaning slot and cloth



With cleaning cloth exposed, slide connector end face in the direction of the arrow



Push the cleaner forward towards the connector end face until you hear a click

Cassette Cleaning Steps

Cleaning unmated connectors



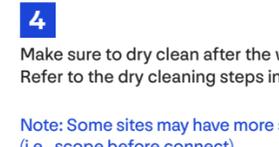
Press the lever of the cleaning cassette to advance to a new cleaning cloth



Spray a very small amount of cleaning solvent on one end of the cleaning cloth. Do not soak the cloth. Excessive cleaning solvent will require additional dry cleans



Place the connector on the wet area of the cloth and wipe from the wet area to the dry area



Note: Some sites may have more strict requirements (i.e., scope before connect)

Why Clean Before Connect?

Always clean the connector end face before connecting as this will help prevent damage and reduce troubleshooting time. Mating dirty connectors may: cross contaminate both connectors or scratch and pit the ferrule end face.

Note: Corning considers scoping as part of the troubleshooting process. Failed scoped does not always cause poor optical performance. Always follow customer requirements.