Cleaning Fiber Optic Cables and Connectors

Perform these steps on any unit with fiber optic cables or connectors.

For this demo, these units and components are used as an example:

- HI-6113 Laser Data Interface
- HI-6105 Field Probe
- Inline connectors (if used with extension cables)
Other required materials:

- Fiber Optic Cleaning Kit
- Compressed Air (not supplied)
When to perform these steps:

Each time you remove a fiber optic cable from a port or inline connector.

Note: Failure to perform these steps each time can result in permanent damage to the unit, cable, and/or system.
Step 1

Remove the Fiber Optic Cleaning Kit from the package.
Step 2

Advance the cloth tape from the dispenser …
... and tear off the excess.
Verify that a clean section of tape displays in the cleaning window on the dispenser.

Set dispenser aside.
Step 4

Remove the protective cap from each port on the HI-6113 Laser Data Interface (or applicable unit).
Step 5

Point the nozzle on the compressed air canister into each port and squeeze the handle gently to release air.
If you use inline connectors:

Remove the protective cap from each end of the inline connector, point the compressed air nozzle into one end, and squeeze the handle gently to release air.
Step 7

Remove the protective cap from the end of one of the fiber optic cables on the HI-6105 probe (or applicable probe).
Brush the tip of the fiber optic cable across the clean section of tape in the cleaning window on the dispenser.
Step 9

Insert and tighten the cleaned fiber optic cable into the cleaned port on the HI-6113 (or applicable unit).
To complete cleaning of fiber optic cables and connectors:

Repeat steps 7, 8, and 9 for the second fiber optic cable on the HI-6105 (or applicable probe).
Note: Make sure to keep the protective caps. When a unit or probe is not in use, replace the caps on the cables, ports, and connectors.

End of cleaning fiber optic cables and connectors.