

FieldCast



How to clean fiber optics?

This is the way to clean fiber optics the classic way, and according to many the best way.

Use isopropyl alcohol (isopropanol) 99% or better. This is stuff that cleans and degreases and does not leave a residue. It can be used to clean and/or degrease other things too. For instance, isopropanol is used by print shops to clean the cylinders of the printing machines.

Isopropyl alcohol is not expensive. You can buy isopropanol for € 10,00 or less per liter bottle.

To clean the connectors you also will need swabs in two types.

We have our own starter cleaning sets and we use the following Chemtronics swabs:

FieldCast male (main cable): 25123X or 25125F

<https://www.chemtronics.com/125mm-fiber-optic-cleaning-swab>

FieldCast female (chassis connector, adapter cable, coupler cable): 48040 or 48042F

<https://www.chemtronics.com/125mm-fiber-optic-cleaning-swab>

The 1.25mm ones are to be used with the main cable.

The other swabs are for the chassis connectors, adapter cables, and coupler cables.

You can also use a dry click cleaner for LC to clean the main cable.

Basically, the ferrules of our main cable connectors have the same size.

It takes some knowledge to properly use the dry click cleaner; it might be that people claim to have cleaned but did not clean well. Cleaning with alcohol gives better average results.

If you want to clean the perfect way, do it in two steps, first step with a swab dipped in isopropanol, second step with clean dry swab.

Main cable: stick the swab into the hole and roll it between thumb and index finger.

Chassis connector: rub the swab over the head of the ferrules.

the fiber optic system

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The FieldCast Cleaning Kits contain all the products described above to clean a FieldCast fiber optic product. A FieldCast Cleaning Kit consists of a small tube containing 99.9% isopropanol and several swabs of both types (10, 50, or 100 swabs), as well as special sheets to clean LC connectors.

If you want to know more about the cleaning, here's a link to the FOA website. One can find literally all that is to say about fiber optics and cleaning.

<https://www.foa.org/tech/ref/termination/cleaning.html>

<https://www.foa.org/tech/ref/testing/test/scope.html>



FieldCast Cleaning Kit 10



FieldCast Cleaning Kit 50



FieldCast Cleaning Kit 100

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