



F FOCUSTM



CONNECTING AT THE SPEED OF LIGHTTM

A high quality fiber optic installation starts with the connectors. Clean connections give you faster transmission rates, higher bandwidth and maintenance-free operation.

FOCUS brand products from Chemtronics give you the tools you need to quickly clean connectors and ports. Patented technology and proprietary Combination CleaningTM process give you clean connections the first time, every time.

Advantages of Combination CleaningTM . . .

- Fast, reliable & repeatable - save time and money!
- Eliminate all debris and contamination
- Reduce reflectance
- Increase transmission rates
- Avoid expensive truck-rolls from bad connections
- Clean all connector types
- Clean jumpers instead of replacing
- Exceeds IEC 61300-3-35, IEC TR62627-01, and meets Telcordia GR-2923-CORE and SAE Aerospace AIR6031

Clean First Time . . . Every Time!



View the Combination CleaningTM Video and see the difference for yourself!

 **Chemtronics[®]**
Nothing Performs Like Chemtronics

FOCCUS™

CONNECTING AT THE SPEED OF LIGHT™



FiberSafe™ platen to prevent end face damage

Lint-free, highly absorbent wipe

QbE-2 Cleaning Platform

Patented (U.S. Pat. #6,865,770) design for field cleaning of fiber optic connectors using Combination Cleaning™ method. Fast and easy cleaning of UPC and APC end faces. **Part #QbE-2**

Convenient hands-free clip



Electro-Wash® MX Pen

Allows controlled application of high-precision solvent. Electro-Wash MX effectively breaks down fiber oils, pulling lubes and other common fiber optic soils. **Part #FW2150**



FOCCUS OSP End Face Cleaning Kit

Installation and maintenance kit for telco OSP, datacenter, cellular backhaul, CATV and enterprise. Designed for 1st time cleaning of 600 end faces.

Contents: (1) QbE-2, (2) MX pens, (50) 2.5mm swabs, (1) swab tool w/extender, (100) 4" x 4" wipes, (5) 9" x 9" pre-sat wipes. **Part #CFK1013**



FOCCUS FTTx All-Connection Cleaning Kit

Cleaning kit for SC/LC (UPC and APC), MT-types (pinned and non-pinned), Corning® OptiFit® and H+S e2000. Superior for FTTh, FTTt and FTTn. Designed for 1st time cleaning of 600 end faces.

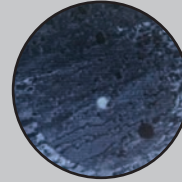
Contents: (1) PQbE, (2) MX pens, (50) 2.5mm swabs, (15) 1.25mm swabs, (25) MT-type swabs, (1) XTN pack of swab extenders, (100) 4" x 4" wipes, (5) 9" x 9" pre-sat wipes. **Part #CFK1202**

✓ Chemtronics offers certification training for the Combination Cleaning process, teaching the right process with the right products.

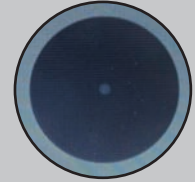
Call 1-800-645-5244 x 154 to schedule your hands-on training with our technical experts!

FOCCUS Combination Cleaning™

Clean first time... Every time!



Connector contaminated with dirt & oils



Connector after FOCUS™ Combination Cleaning™

FOCCUS products are designed for optimal cleaning of connectors using Combination Cleaning™ process. The end face is passed through a lightly moistened spot on the lint-free wiper, then drawn into the dry area. The large cleaning platform assures the proper angle for UPC and APC connectors.

Combination Cleaning Process



Combination Cleaning gives you 1st time cleaning for all common connector soils:

- Finger oils
- Mineral oils and grease
- Gels & pulling lubricants
- Dust, dirt & carbon
- Water & salt residue & more

Combination Cleaning is industry proven, exceeding IEC 61300-3-35, IEC TR62627-01, and meeting Telcordia GR-2923-CORE and SAE Aerospace AIR6031.

Dry media can smear oils, not fully remove dry particulates, and can create a static field that attracts and holds onto additional debris. Wet cleaning can oversaturate connectors, drawing up contamination from around the ferrule as viewed in IEC 61300-3-35. The result is unreliable cleaning processes that work on some, but not all soils. Without Combination Cleaning, additional cleaning passes, replacement jumpers or connectors may be required.

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