Cable Preparation

Crimp Tool

Dual hex cavity: 0.178"/0.151", flat crimp 0.052", hex crimp 0.136", hardened die

Description	Catalog No.
For SC/ST-style epoxy/ anaerobic or crimp style connectors	OFCMT04

Fiber Strip Tools

Description	Catalog No.
Universal 250/900µ, 2.0, 2.5, 3.0mm cable	OFSTRIP2

Kevlar® Cable Scissors

Description	Catalog No.
For cutting Kevlar® reinforced cables up to 24-strand, non-armored	OFSCSRS

Kevlar is a registered trademark of E.I. du Pont de Nemours and Co.

Fiber Cleavers

Description	Catalog No.
Multimode fiber only	OFCLV3
SM or MM fiber, precision, with case	OFCLV5

Field Termination Kit

Termination Kit for SC/ST Style Connectors

Includes:
- Heat-cure epoxy oven (110V)
- Tool pouch (OFTP02C)
- Fiber preparation tool
- Cable preparation tool
- Heat cure epoxy
- Anaerobic adhesive
- Anaerobic primer
- Polishing paper
- Polishing pad
- Canned air 10oz
- Safety glasses
- Wipes
- Syringes
- Needles
- Cure adapters
- Clips

Description	Catalog No.
Field epoxy termination kit	OFTK03C

Cleaning Sticks

Sticklers® CleanStixx™, SC/ST/FC/APC

Includes: (1) 50 pack disposable cleaning sticks

Description	Catalog No.
SC/FC/APC 2.50mm port cleaning sticks	OFSTIX50SC

Sticklers® CleanStixx™, LC/MU/APC

Includes: (1) 50 pack disposable cleaning sticks

Description	Catalog No.
LC/MU/APC 1.25mm port cleaning sticks	OFSTIX50LC

Cleaning Wipes

Sticklers® CleanWipes™, Dispenser

Includes: (1) roll of 90 sheets

Description	Catalog No.
Tube of 90 lint-free sheets, multi-purpose	OFWIPES90

Sticklers® CleanWipes™, Cartridge

Includes: (1) 4-slot box

Description	Catalog No.
Box of 100 lint-free sheets, 4 wipes/sheet	OFWIPES400

Scribing

Hand Scribe Tool

Includes: (1) tool and scribe guide

Description	Catalog No.
Sapphire blade	OFSCRIBE

Scribe Guide Fixture

6-pack

Description	Catalog No.
Suitable for SC, ST-style, or LC connectors	OFSG

STRIPPING

Use a precision strip tool sized correctly to remove 900µm or 250µm buffer coatings, and cable jackets up to 3mm in diameter.

- Strip buffer coatings in small increments with a firm, steady motion to avoid breaking fiber.
- The tool should not break the glass fiber.
- Gently bend the fiber to check for nicks. A nicked fiber will break easily.
- Clean the fiber with a wipe and cleaning fluid.

CLEAVING

A precision cleaved fiber has a flat end with zero cleave angle and no cracks, pits or edge fractures.

- Use a precision cleave tool for terminating pre-polished mechanical splice connectors, which are sensitive to cleave quality.
- For adhesive connectors, use a scribe fixture to control cleaved fiber height for best polishing results.
- Cleaved separation is achieved by scoring and applying tension to the fiber. Bending causes high cleave angle and fractures.

INSPECTING

Always *"clean and inspect before you connect"* using Hubbell cleaning products and a 200x or 400x microscope.

- The polished fiber end face must be free of contamination, residue, cracks, chips or scratches.
- Clean connector tips using Hubbell lint-free wipes and optical grade fiber cleaning fluid.
- Clean fiber ports using 1.25mm cleaning sticks for LC ports and 2.5mm sticks for SC ports.

CLEANING

Proactive cleaning *before you connect* keeps contamination out of fiber interconnections.

- Prevent damage to polished fiber end faces.
- Avoid contamination failures and subsequent re-testing.
- Eliminate cross-contamination from dirty test leads.
- Optimize network performance.
- Protect investment in fiber infrastructure.

Cleaning Kits

Cleaning Kit 1 without Sticklers® CleanClickers®

Description	Catalog No.
Cleaning kit without clickers	OFCLEANKT1

Cleaning Kit 2 with Sticklers® CleanClickers®

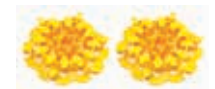| Description	Catalog No.
Cleaning kit with LC, SC, MPO clickers	OFCLEANKT2

Sticklers, CleanClicker, CleanStixx and CleanWipes are trademarks of MicroCare.

Cable Management

Fiber Management Spool

2-pack

Description	Catalog No.
Adhesive mount, yellow	OFSPOOLPK2

OPTISOK® Pulling Grips

Bundle Size Range	Catalog No.
0.125–0.562"	CCPS1
0.250–0.750"	CCPS2
0.750–1.750"	CCPS3

Fiber Cable Management Radius Clips

Includes: pack of (4) self-adhering clips with bend radius control element

Description	Catalog No.
Cable clips	FBRMGTCLPK4

Loose Tube OSP Cable Break-Out Kits

Includes: tube kit, break-out block and crimp bushing

Description	Catalog No.
6-fiber break-out kit	OFBOKT6
12-fiber break-out kit	OFBOKT12

Adhesive Kits

Epoxy Adhesive Kit

Includes: (6) tubes 1g, (6) syringes/needles

Description	Catalog No.
Easy mix 1g tubes	OFCEP

Anaerobic Adhesive Kit

Includes: Primer and adhesive, (10) syringes and (10) needles

Description	Catalog No.
Anaerobic adhesive kit cures in 6–10 seconds	OFCAP
Replacement bottle of primer only	OFPRIME

Fusion Splice

Fusion Splice Sleeves

25-pack

Description	Catalog No.
40mm length, 10mm cleave	FSHST401025
12-fiber ribbon	FRSHST401025

Fusion Splice Trays

Description	Catalog No.
Aluminum, 12-fiber	STRAY12F
Aluminum, 24-fiber	STRAY24F
Plastic, yellow, 24-fiber	OFSPLKT24F

Cleaning Accessories

Sticklers® CleanClicker®, SC/ST/FC/APC

Includes: (1) disposable cleaner tape cartridge

Description	Catalog No.
2.5mm, SC/FC/APC	OFCLICK750SC

Sticklers® CleanClicker®, MPO/APC

Includes: (1) disposable cleaner tape cartridge

Description	Catalog No.
MPO male, female, flat/APC	OFCLICK600MPO

Sticklers® CleanClicker®, LC/MU/APC

Includes: (1) disposable cleaner tape cartridge

Description	Catalog No.
2.5mm, LC/MU/APC	OFCLICK750LC

Sticklers® Cleaning Fluid, Optical

Includes: (1) 3oz pump dispenser

Description	Catalog No.
3oz cleaning fluid, pump, non-hazardous	OFCLEANER3OZ

HUBBELL

Installation Kits

Connector Installation Tool Kit

Includes: sapphire scribe, scribe guide, black permanent marker, carbon fiber scissors, strip template and polishing fixture, ruler, buffer/cable jacket stripper, 200X microscope assembly, crimp tool and die

Description	Catalog No.
For SC/ST-style connectors crimp or adhesive termination	OFTP02C

Epoxy Cure Adapters

Includes: package of (6) adapters for heat cure oven

Description	Catalog No.
SC/ST-style	OFCA
LC	OFCALC

TESTING

The fiber link total dB loss is measured through the mated connector pair on each end using an insertion loss test set.

• Testers should be calibrated, and fiber ports cleaned and inspected prior to use.
• Clean and inspect test jumpers prior to mating into tester and fiber link ports.
• A 2-connector fiber link insertion loss should be less than 1.5dB, excluding cable loss.

Inspecting

Microscope, 200X (ST, SC, LC)

Includes: batteries, LC adapter, soft pouch

Description	Catalog No.
ST, SC, LC microscope	OFSCOPE2

Visual Fault Locators (ST, SC, LC)

Includes: batteries, LC adapter, holster, wrist strap, end protectors

Description	Catalog No.
Visual fault locator	OFVFLKT1
LC adapter, separate	OFVLCADP

TIP: Use a VFL during termination for optimum test results.

Epoxy and Crimp Kit

Includes: OFSTRIP2 and OFCMT04 tools, polishing pucks, 200X microscope, carbon fiber scissors, scribe, glasses, alcohol wipes

Description	Catalog No.
Field install kit	OFTK05

LC Duplex Connector Extraction Tool

Includes: (1) tool, individually packaged, ideal for servicing high density interconnections

Description	Catalog No.
Connector extraction tool	OFLCDTOOL1

Polishing

Polishing Fixture

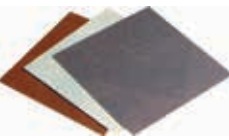Includes: (1) stainless steel puck, polished surface; SC/ST-style or LC compatible

Description	Catalog No.
SC/ST-style	OFPUCK
LC	OFPUCKLC

Polishing Film

Includes: (25) each of 5μ, 1μ and 0.3μ sheets, (1) polishing pad

Description	Catalog No.
Replacement kit	OFLFP

Microscope, 400X

Includes: built-in illuminator, batteries, SC/ST-style adapter, soft pouch

Description	Catalog No.
SC/ST-style microscope	OFSCOPE1
LC adapter (400X microscope only)	FOADPTLC

Multimode Test Set

Includes: (1) power meter, (1) dual wavelength LED source, (1) soft pouch, batteries

Description	Catalog No.
Complete tester kit	OFPLK813A
Power meter dual wavelength	OFPM813
LED light source dual wavelength, multimode	OFLS813

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