April 2009

Corning Cable Systems

Splice and Test Equipment

CORNING

Splice and Test Equipment

OptiSplice™ LID Fusion Splicer (OS3-LIDKST-1)

The OptiSplice LID Fusion Splicer is the ideal machine for networks where low-loss performance and high-end accuracy are imperative. The LID Fusion Splicer offers the active core-alignment accuracy of Corning Cable Systems LID-SYSTEM™ unit, along with the speed and versatility of the core detection system (CDS™), a passive core-alignment technology. The LID provides the most advanced set of features available, yielding top notch performance, while reducing training and maintenance costs, all in a compact, user-friendly unit. For 900 µm pigtails to bare fiber splicing, an external LID adapter is optionally available.

- Equipped with both LID-SYSTEM and CDS three-axis core-alignment technologies
- Utilizes automatic fusion time control (AFC™) to optimize each splice (LID-SYSTEM)
- Exceptionally accurate splice loss measurement provided by the LID-SYSTEM
- Precise and durable electrodes (P&D) with a life span of 7,000 splices
- Touch screen with graphical user interface for ease of use
- Built-in training videos for better process understanding
- Seamless integration with Corning Ultrafast RapidoShrink™ oven for very short total splice cycle time
- Software update and splice data exchange through miniUSB port
- USB port with work lamp for illumination of fiber insertion area
- Integrated GPS system for automatic adjustment of altitude changes and storing of splice location coordinates
- High-capacity Li-Ion battery good for 130 splice cycles including the use of the RapidoShrink oven
- Water tight transport case doubling up as workstation platform

OptiSplice CDS Fusion Splicer (OS3-CDSKST-1)

The OptiSplice CDS Fusion Splicer is the ideal machine for networks where low-loss performance is a must. Designed for long-haul, CATV, telco and LAN applications, it can accurately splice current, legacy, dissimilar and specialty fiber types. The CDS Fusion Splicer offers the speed and versatility of a video-camera-based core-alignment technology known as the core detection system (CDS). The CDS works on both 250 and 900 µm coated fibers and offers the fastest total splice cycle time on the market for a core-alignment fusion splicer when combined with Corning Cable Systems' ultra-fast RapidoShrink oven.

- Equipped with CDS three-axis core-alignment technology
- Precise and durable electrodes (P&D) with a life span of 7,000 splices
- Touch screen with graphical user interface for ease of use
- Built-in training videos for better process understanding
- Seamless integration with Corning Ultrafast RapidoShrink oven for extremely short total splice cycle time
- Software update and splice data exchange through miniUSB port
- USB port with work lamp for illumination of fiber insertion area
- Integrated GPS system for automatic adjustment of altitude changes and storing of splice location coordinates
- High-capacity Li-Ion battery good for 130 splice cycles including the use of the RapidoShrink oven
- Water tight transport case doubling up as workstation platform

Splice and Test Equipment

OptiSplice™ one Handheld Fusion Splicer (OS-ONEKST-1)

Corning Cable Systems' OptiSplice one Handheld Fusion Splicer provides a durable, reliable and affordable splicer for single-fiber applications. The splicer is easy to clean and features an intuitive user interface, dual cameras, straightforward maintenance, fast heat-shrink oven and high-capacity Li-Ion battery, all in a reduced size. Its compact size and rugged design allow it to be used in many installation settings including typical FTTx and private network environments where spaces are limited. Modular accessories are also available, including a shoulder harness and a tripod mounting bracket for increased versatility.

- For use with single fibers of different coating / buffering diameters through 250 µm or 900 µm fiber holders
- Fastest total splice cycle time in the industry
- Ergonomic layout in a compact size
- Graphical user interface for intuitive use
- High-contrast, transflective LCD screen for comfortable use in both in- and outdoor
- Fixed V-groove passive fiber alignment with automatic fusion current optimization for high reliability
- Seamless integration with Corning Ultrafast RapidoShrink™ oven
- High-capacity Li-Ion battery good for minimum 130 splices including the use of heat-shrink oven
- Software update and splice data exchange through miniUSB port
- Integrated screen protection works also as splice tray holder
- Built-in illumination for fiber insertion area
- Easy fiber handling through the use of fiber holders that can be left inside splicer or taken out for single-hand operation
- Water tight transport case doubling up as workstation platform

OptiSplice Ribbon Handheld Fusion Splicer (OS-RIBKST-1)

Corning Cable Systems' OptiSplice Ribbon Handheld Fusion Splicer provides a sturdy and reliable high-performance splicer for ribbon fiber applications. The innovative splicer features an intuitive user interface, dual cameras, straightforward maintenance, fast heat-shrink oven and high-capacity Li-Ion battery, all in a reduced size. Its compact size and rugged design allow it to be used in many installation settings. Similar to the OptiSplice one, a variety of modular accessories are available to extend the application range. A second version for splicing up to four 900 µm fibers is available upon request.

- For use with 2-, 4-, 6-, 8- or 12-fiber ribbons or 250 / 900 µm single fibers through different fiber holders
- Ergonomic layout in a compact size
- Graphical user interface for intuitive use
- High-contrast, transflective LCD screen for comfortable use in both in- and outdoor
- Fixed V-groove passive fiber alignment with automatic fusion current optimization for high reliability
- Seamless integration with Corning Ultrafast RapidoShrink oven
- High-capacity Li-Ion battery good for minimum 130 12-fiber ribbon splices including the use of heat-shrink oven
- Software update and splice data exchange through miniUSB port
- Integrated screen protection works also as splice tray holder
- Built-in illumination for fiber insertion area
- Water tight transport case doubling up as workstation platform

Splice and Test Equipment

Single-Fiber Cleaver FBC-006

To meet the high cleave quality demands of core-alignment fusion splicers, Corning Cable Systems created the FBC-006 featuring a unique diamond blade that provides best cleave performance, consistency and longevity. Combined with exchangeable fiber guides and true one-step cleave mechanism, this is Corning's answer to field installations without compromise.

With Universal Fiber Guide (CLV-FBC006-2)

Configured for fusion splicers that work without fiber holders (i.e. OptiSplice™ LID and CDS™), this version includes a universal fiber guide (fitting coating diameter from 250 µm to 900 µm). If needed, optional 900 µm or 3 mm fiber guides can be inserted to extend the applicable coating range.

With Inlay for Fiber Holders (CLV-FBC006-3)

The cleaver's high consistency in cleave performance makes it also a perfect companion to fixed v-grooves fusion splicers such as the Corning Cable Systems' popular FTTx and premises cabling OptiSplice one. With the right inlay inserted, cleaving operations can be done rapidly and comfortably, enabling a real single-hand field experience.

- Compatible with fiber cladding diameter from 80 µm to 140 µm
- One-step cleaver: produces a consistent fiber end face with a single movement
- Blade easily replaceable in the field
- Uses diamond blade for high performance (<0.35° angle deviation) and life time (minimum 30,000 cleaves per blade)
- Simple mechanics for easy cleaning and maintenance
- Compact size for easy carrying and transport

12-Fiber Ribbon Cleaver FBC-012 (CLV-FBC012-1)

Furnished with an easy to exchange rotating hard metal blade, the FBC-012 is Corning Cable Systems' contribution to mass fiber deployments. Thanks to a smart wheel construction, changing and locking to a new cleaving position can be done very comfortably. The cleaver's open design concept is carried through from the blade suspension to the true one-step mechanism and the residue bin. This ensures the FBC-012's ease of maintenance, low sensitivity to contaminations and comfortable cleave preparation. With the disposal bin away from moveable cleaver parts, fiber preparation can be done faster without strip length restriction. The FBC-012 is compatible to all OptiSplice series' handling adapters from single- to ribbon-fibers.

- Applicable to 125 µm fiber cladding diameter, works for single fiber and ribbons up to 12-fiber
- One-step cleaver: produces a consistent fiber end face (<1° angle deviation in average) with a single movement
- Uses hard metal rotation wheel (approx. 12,000 cleaves per blade, twelve positions), blade easily field replaceable
- Simple mechanic for easy cleaning and maintenance
- Including fast access bin for fiber residue disposal

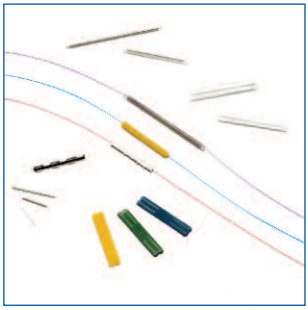
Splice and Test Equipment

Fast Heat-Shrink Oven RapidoShrink™ (U-RPDSHRINK-3)

The RapidoShrink fast heat-shrink oven eliminates the fusion splice throughput's bottleneck when applying splice protectors. This inventive product is the first ultra-fast heat-shrink oven of its kind utilizing elliptical mirror to accelerate the shrink process. Unlike conventional oven design with contact heating surface, the RapidoShrink oven applies the heat directly to the shrink tube by putting the heating element on its opposite focal point. Beside of the speed increase, this very energy-efficient process helps also to preserve the splicer's precious battery power. As the shrink tube is completely surrounded by air, there are no active cooling needed, thus further energy saving is guaranteed.

- Available as a built-in unit to OptiSplice fusion splicers or as independent unit with stand and desktop power supply
- Shrinks a 60 mm single-fiber sleeve in 20 seconds, a 40 mm in 15 seconds and a 12-fiber ribbon 40 mm sleeve in 40 seconds
- Automatically controlled by OptiSplice fusion splicers' or by two rotary switches for shrink time and heating power adjustment
- A two-coloured LED informs the user from various process stages
- Includes aluminum protective shield for splice protectors with a length of 45 mm or shorter

Fusion Splice Protectors



Corning Cable Systems offers a variety of splice protection choices to meet your needs. All protector types allow individual fiber access in the splice tray. Heat-shrink splice protectors are available in both single-fiber and multifiber versions.

Heat-Shrink Single-Fiber or Multifiber Splice Protector

The sleeve securely protects the fusion splice on either 250, 900 µm coated fibers or ribbons, while offering individual access to each fusion splice. Corning Cable Systems heat-shrink sleeves are compatible with most splice trays offered and with all heat-shrink ovens offered with Corning Cable Systems fusion splicers.

Crimp & Go™ Single-Fiber Splice Protector

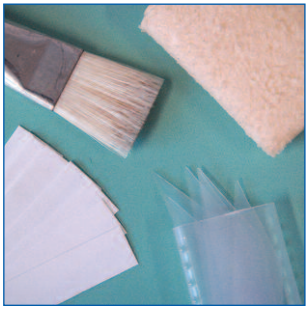
The Crimp & Go splice protector encloses the splice within an aluminum sleeve sealed with an elastic material. The crimp splice protector requires no power for assembly, thus extending the battery life of the fusion splicer.

Splice Pak™ Single-Fiber Splice Protector

The Splice Pak splice protector is a cost-effective alternative to the heat-shrink protective sleeve. It is a plastic clam-shell design with an adhesive applied to the inside surface. Like the Crimp & Go splice protector, the Splice Pak splice protector requires no power for assembly.

Note: Crimping tools for the Crimp & Go Single-Fiber Splice and the Splice Pak Protector can be ordered separately. Please contact your Corning Cable Systems Customer Service Representative for details.

Fusion Splicer Maintenance Tools and Consumables



Fusion splicing equipment needs to be maintained properly to ensure that high performance can be constantly delivered. Beside of the v-grooves cleaning brush that is part of each fusion splicer's toolkit, a soft brush (S45057-Z301-A81) is recommended for removing of residues from stripping blades of mechanical or thermal strippers. Groove cleaners (S46999-M7-S142) can help to clean off stubborn dirt from the v-grooves as well. Applying paper cleaning strips (S46999-M9-S15) keeps the clamping surface of cleavers and their blades free from contaminants. Last but not least, a lint-free leather cloth (S46999-M7-S139) should be used to clean sensitive surfaces such as fusion splicer's monitor screens.

Fusion Splicing and Cable Access Tool Kits

Corning Cable Systems tool kits provide the craftsperson with a collection of essential tools required for tasks associated with fusion splicing and cable access. The tools used are thoughtfully assembled and are stored in a high-quality case. The case has removable, double-sided plates as well as several compartments.

Basic Toolkit (FOT-FSKIT-1)

For common fusion splicing tasks, a configuration with most required tools is available including following items: cleaning buds for connectors and splice equipment, stripping tools for 250, 900 µm coated fibers (micro-stripper, FOT-MS-1 or FOT-MS-2) and buffer tubes, handy air blower ball, IPA fiber cleaner dispenser, paper tissues box, measuring tape, fabric tape, permanent marker, tweezers and two types of scissors for cutting of Kevlar and other cabling materials.

Standard Toolkit (FOT-FSKIT-2)

If cables are to be accessed in addition, the standard tool kit is recommended. Following items are added to the FOT-FSKIT-1: stripping pliers for 250 / 900 µm / 3 mm (FOT-CFS-2), tube openers for midspan access (plastic blue and red versions), handy knife, "Jokari" cable sheath stripper, universal pliers, side cutter, ceramic scissors for cutting of Kevlar, screwdrivers in three different size and a hot air blower.

Deluxe Toolkit (FOT-FSKIT-3)

Configured for all types of cabling work, this deluxe toolkit provides following items in addition to the FOT-FSKIT-2: sturdy tube openers for midspan access on two different tube diameter ranges (OFT-000 & UAT3-000), sets of marking rings, socket wrenches in four different sizes, heavy duty cable cutter, bolt croppers, metal tube cutting tool with spare wheel blade, longitudinal cable sheath opener and ripcord puller.

Splice and Test Equipment

Fiber and Cable Access Tools

Fiber Optic Strippers

These tools allow for easy removal of the fiber's primary and secondary coating. The micro stripper type with replaceable blade is available in two different versions removing 250 µm primary coating (FOT-MS-2) and 900 µm secondary coating (FOT-MS-1) respectively. The sturdy CFS stripper (FOT-CFS-2) has two working slots: one for 250 µm coating removal and another 1.0 mm opening for stripping jackets.

Disposable Midspan Access Tools

These fiber optic tools are Corning Cable Systems' provision for cost-effective cable midspan access works. They are available in three versions accommodating different buffer tube diameters: from 2.3 to 2.8 mm (blue, order code S46998-Z302-A4), from 2.8 to 3.1 mm (red, order code S46998-Z302-A5) and from 4.8 to 5.3 mm (yellow, order code A0400978).

Optical Fiber Access Tool (OFT-000)

The optical fiber access tool is designed to provide midspan fiber access for a variety of loose tube cable designs, including Corning Cable Systems' ALTOS® cables. This rugged handy tool will accommodate buffer tubes from 2.4 to 3.0 mm.

Universal Access Tool (UAT3-000)

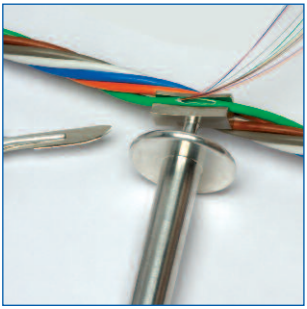
The universal access tool simplifies a midspan access on most single-tube fiber optic cable products, including ribbon cable. Unlike other access tools requiring strength and awkward handling, the UAT3's design allows controlled movement for 5 to 24 mm tubes.

Note: Corning Cable Systems extends continuously the fiber optic tools product range. Please contact your local Customer Service Representative for more options.

Cable Access and Fiber Ribbon Processing Tools

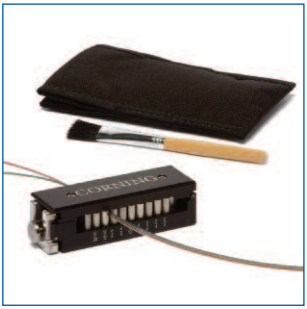
No-Slack Optical Fiber Access Tool (NFT-000)

The no-slack optical fiber access tool (NOFAT) is suitable for locations where no cable slack can be obtained and the buffer tubes must be accessed while remaining wrapped around the cable central member. The NOFAT's unique design allows buffer tubes to be entered in this situation. The NOFAT is compatible with standard Corning Cable Systems ALTOS Cable buffer tube sizes.



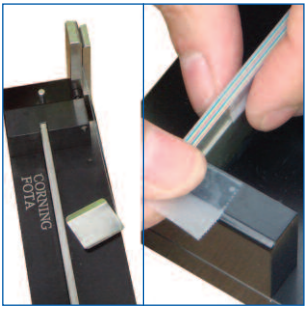
Ribbon Splitting Tool (RST-000)

The ribbon splitting tool is designed to allow separation of 12-, 24- and 36-fiber ribbons into smaller ribbon subunits. Multiple slots on the tool offer the ability to separate the original ribbon into two different ribbons with varying fiber counts. The tool has slots to separate the ribbon into the following smaller ribbon fiber counts: 2/2, 2/4, 2/6, 4/4, 2/10, 4/8, 6/6, 12/12 and 12/24.



Fiber Organizer Tape Applicator "Ribbonizer" Kit (TKT-026-01A)

Corning Cable Systems Fiber Organizer Tape Applicator (FOTA) is designed for fast and easy preparation of loose tube optical fibers for mass fusion splicing. With the FOTA's ribbonizing fixture and associated tools, users can prepare approximately 6 in of ribbonized fibers for mass fusion splicing quickly and easily with no messy glue.



Ripcord Puller (RPOC-001)

The ripcord puller for outdoor cable tool, when used with a suitable cordless screwdriver or drill, can easily pull rip cords through the sheath and/or steel tape armor found in most outdoor fiber optic cables.

Note: Corning Cable Systems extends continuously the fiber optic tools product range. Please contact your local Customer Service Representative for more options.

Splice and Test Equipment

OV-1000 Optical Time Domain Reflectometer (1000DK-MDSD-SC)

Corning Cable Systems OV-1000 Optical Time Domain Reflectometer (OTDR) provides testing flexibility by combining a rugged platform with field-interchangeable multimode, single-mode and other advanced testing modules. All OTDR modules can be used as continuous wave (CW) light sources enabling insertion loss testing. A power meter and visual fault locator (VFL) are available as options on the mainframe in deluxe kits. The unit's mainframe can be used to control the optional Fiber Inspection Probe (FIP) for connector endface evaluation.

- Latest Windows® mobile technology for comfortable operation, fast processing time as well as effective power management
- Modular setup with two slots for optical test modules
- Test modules available matching requirement from long-haul through FTTx and LAN applications (SM 45/41/37/34dB, MM 26dB)
- State-of-the-art 256,000 data points for best possible localization resolution of only 4 cm (module dependent)
- Shortest-possible event deadzone of 0.8 meters and attenuation deadzone of 4 meters (module / wavelength dependent)
- 80 MB internal flash memory for more than 1,500 traces
- 6.4" touchscreen with full VGA resolution
- Two USB ports for PC connection and peripheral accessories
- CompactFlash slot for memory expansion and easy system recovery
- Li-Ion battery for more than 8 hours operation time
- Easy to use PC post processing and report creation software
- OTS-Reporter software for mass data processing (deluxe kit)
- Can be used also to control the fiber inspection probe

OV-MINI Series mini-OTDR

Compact, lightweight and versatile through built-in single-mode (1310 / 1550 nm) and multimode (850 / 1300 nm) wavelengths with a standard dynamic range, the new Corning Cable Systems OV-MINI mini-OTDR targets field installers who prefer a small size unit as their standard bring-along troubleshooting equipment. Combining the latest Windows® mobile operating system with a strong CPU, the OV-MINI offers fast processing and easy on-site testing. Using the same intuitive PC trace processing software as the OV-1000, creation of reports is fast, easy and hassle-free.

- Latest Windows® mobile technology for comfortable operation, fast processing time as well as effective power management
- Universal testing capability for most common optical networks thanks to the built-in SM/MM test wavelengths
- Maximum 30,000 data points for a sampling resolution of 16 cm
- Event deadzone 2.5 meters / 11 meters attenuation deadzone
- Large coloured LCD screen and soft-key menus for ease of use
- Large internal flash memory for more than 500 traces
- USB port for memory extension, data exchange and software upgrade
- Li-Ion battery for more than 8 hours operation time
- Optional OTS-Reporter software for mass data processing
- Can be used also to control the fiber inspection probe

Splice and Test Equipment

OTS-600 Series Optical Certification Test Set

The Corning Cable Systems OTS-600 Series Optical Test Set is ideal for today's fast-pace optical network certification. The set is designed for quick testing and troubleshooting with a predefined list of networking and cabling standards. With the ease of use achieved by a large color LCD screen, logical soft-key menu structure and a testing standard wizard, the OTS-600 series goes beyond the limit of common optical testers. The series' versatility is extended further as it can be used as a controller to the fiber inspection probe FIP. Combined with an intuitive PC reporting software, this is Corning Cable Systems' answer to the installation requirement in high density premise networks.

- Huge list of predefined networking and cabling standards that can be modified and updated anytime
- Certification wizard mode with step-by-step guidance reduces the risk of making mistake to a minimum
- Large coloured LCD screen and soft-key menus for ease of use
- Source and meter combined in one unit available
- Auto wavelength switching and detection as well as remote referencing capability with compatible optical sources
- USB ports for data exchange and software upgrade
- Can be used also to control the fiber inspection probe

OTS-400 / LTK-400 Series Optical Test Set

The handheld OTS-400 series offers a solution for insertion loss testing requirement in a compact package. Combining optical sources and a power meter with integrated data storage capability as well as rechargeable batteries, these high performance optical testers are available either with single-mode or multimode wavelengths. With automatic wavelength switching and synchronization as well as remote referencing, a set of these two testers allows comfortable bi-directional measurement without a glitch.

The LTK-400 Series Optical Test Set is a complete, cost-effective solution for link-loss testing of both multimode and single-mode systems for those users who do not require data storage capabilities. The LTK-400 offers unparalleled performance by combining a source that has one of the highest output powers in the industry with a meter with 10 calibrated wavelengths. The units can be powered by standard AA alkaline batteries, or by the supplied AC power adapters.

- Light source with high output power (+1dBm single-mode and -20dBm multimode), modulation available: 270 Hz, 1 & 2 kHz
- Calibrated wavelengths on power meter: 44 (OTS-400), 10 (LTK-400), customizeable through interpolation
- Auto wavelength switching and detection as well as remote referencing capability with compatible optical sources
- Up to 1,000 measurement storage capacity (OTS-400)
- USB ports for data exchange and software upgrade
- Flexible power source: either through AC adapters or Li-Ion battery (OTS-400) or AA batteries (LTK-400)
- Kits supplied with SC-adapters , optional available for source port: ST, FC & E2000, for meter port: ST, FC, E2000 & LC

Splice and Test Equipment

OTDR Launch Fiber, Access Jumper

Corning Cable Systems offers two OTDR launch cable solutions created with high-quality Corning® optical fiber and cable assemblies. Used for connecting between the OTDR and system-under-test, these solutions can also be used on the far end of the system-under-test as a receive fiber. Both options come with a wide variety of configurations depending on customer application. The first solution is a small, portable test bag (PTB) that offers a low cost, compact light weight launch cable up to 200 meters and can be placed inside most OTDR transit cases. The second option is a portable test fiber case (PTF), which offers a ruggedized, easy-to-configure solution with a fiber length of maximum five kilometers. The construction allows for shipment of the launch cable separate from the OTDR case.

If a total fiber length of longer than five kilometers is needed, large Long Test Fiber (LTF) cases are available. These can store up to fifty kilometers of total fiber length in a ruggedized case similar to the PTF. Both PTFs and LTFs are available in standard fiber lengths with shorter leadtime.

- Available in multimode, single-mode and special fiber types
- 2 meters jumper leads with jumper lead storage
- Single fiber segment (simplex) or duplex available (PTF)
- Portable test bag PTB with 200 meters simplex fiber length
- Portable test fiber box PTF with maximum 5,000 meters fiber length simplex or duplex
- Standard lengths on PTF are 100 & 500 meters, 1, 2 & 5 kilometers, other lengths require longer leadtime
- All common UPC & APC connector types available: FC, SC, ST, E2000, LC & MTRJ
- Larger Long Test Fiber case (LTF) are available for a total fiber length of maximum fifty kilometers and 4 fiber segments

Network Simulation System

The Optical Network Simulation Systems (NSS) can be used to replicate installed network infrastructure for training, testing, design verification and certification. The NSS has space for a total fiber length of maximum 150 kilometers that can be distributed individually to several fiber spools and fiber segments. As each of these spools is accessible directly and individually through the connector panels mounted in front of the NSS, the number of possible combinations are practically unlimited. This enormous flexibility can be further extended with a mixture of fiber types on different reels in the same box (contact our customer service at the time of ordering).

- Rack-mountable unit fits standard 19 inches equipment racks
- Maximum total fiber length of 150 kilometers
- Available in multimode, single-mode and special fiber types
- Mix of fiber types within the same box possible, limited only by the number of reels
- All common UPC & APC connector types available: FC, SC, ST, E2000, LC & MTRJ

VFL-350 Visual Fault Locator (VFL-350)

The visual fault locator (VFL) is a compact, pen-design fault locator used to check single-mode and multimode optical fiber cables and components for faults or to locate individual fibers in a bundle. By transmitting a bright beam of red light into a fiber, breaks, microbends or improper terminations can be identified through a visible red lid area. This device fits all 2.5 mm connector ferrules with its universal adapter tip, with an optional 1.25 mm adapter also for LC connectors. The unit is powered by two AA size batteries.

- Checks multimode and single-mode fibers
- Glowing red light shows breaks, bends or improper termination

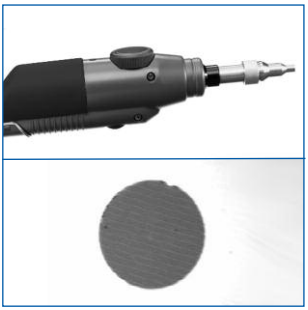
CheckPoint™ Plus Fiber Identifier (CHECKPOINT PLUS)

The CheckPoint Plus Fiber Identifier uses non-destructive, local detection technology to ensure fiber integrity and provide reliable identification. It safely clips onto fibers in midspan to detect the presence of a signal without interrupting traffic, with LEDs indicating the type of signal and transmission direction. The integral power meter simultaneously displays the relative core power, allowing isolation and measurement of faults and in-line components such as splitters, splices and connectors. The identifier comes with 4 different inserts allowing detection on most types of fiber coatings.

- Passive detection of traffic on fibers with multiple coating sizes
- 850 nm – 1700 nm range, displays relative core power

Fiber Inspection Probe (1000-FIPKIT)

This handheld analog video inspection probe is the ideal solution for inspecting the quality of a fiber optic connector end-face. It can be connected to the OV1000 OTDR, the OV-MINI mini-OTDR or OTS-600 series units to work. The resulting images can be used to document end-face quality and cleanliness with its clear coaxial illumination view. With switchable magnification between 200 / 400 x and universal tips for 1.25 / 2.5 mm ferules, the FIP is truly universal. Inspecting built-in connectors in patch panels is perfectly comfortable thanks to included bulkheads for all common connector types.



- Coaxial illumination provides clear view at 200 x or 400 x
- Uses the OV-1000 platform as monitor and controller
- Thumb-wheel design for easy, one-hand operation
- With 1.25 and 2.5 mm universal tip as well as bulkhead tips

Splice and Test Equipment

Ordering Information

Note: only a small portion of Splice and Test Equipment product range is displayed here. For a complete product list, contact your local customer service

Splice Equipment

Part Number	Description
OS3-LIDKST-1	OptiSplice™ LID Fusion Splicer standard kit with FBC-006 Cleaver, deluxe workstation case with wheels, built-in fast heat-shrink oven, splice tray holder, AC power supply with EU cord, Li-Ion battery with external charger, quick reference manual, user manual on CD, GPS antenna, USB cable, USB worklight, stylus and maintenance tool kit
OS3-LIDKCT-1	Same as OS3-LIDKST-1, but with crimping tool instead of fast heat-shrink oven
OS3-CDSKST-1	OptiSplice CDS™ Fusion Splicer standard kit with FBC-006 Cleaver, deluxe workstation case with wheels, built-in fast heat-shrink oven, splice tray holder, AC power supply with EU cord, Li-Ion battery with external charger, quick reference manual, user manual on CD, GPS antenna, USB cable, USB worklight, stylus & maintenance tool kit
OS3-CDSKCT-1	Same as OS3-CDSKST-1, but with crimping tool instead of fast heat-shrink oven
OS3-CDSKST-R	OptiSplice CDS Fusion Splicer basic kit with soft carrying case, built-in fast heat-shrink oven, splice tray holder, AC power supply with EU cord, quick reference manual, user manual on CD, USB cable and maintenance tool kit
OS3-CDSKCT-R	Same as OS3-CDSKST-R, but with crimping tool instead of fast heat-shrink oven
OS-ONEKST-1	OptiSplice one Fusion Splicer standard kit with 250 / 900µm fiber holders, FBC-006 Cleaver, deluxe workstation case with wheels, built-in fast heat-shrink oven, splice tray holder, AC power supply with EU cord, Li-Ion battery with external charger, quick reference manual, user manual on CD, USB cable and maintenance tool kit
OS-ONEKCT-1	Same as OS-ONEKST-1, but with crimping tool instead of fast heat-shrink oven
OS-ONEKST-R	OptiSplice one Fusion Splicer basic kit with 250 µm fiber holders, soft carrying case, built-in fast heat-shrink oven, splice tray holder, AC power supply with EU cord, quick reference manual, user manual on CD, USB cable and maintenance tool kit
OS-ONEKCT-R	Same as OS-ONEKST-R, but with crimping tool instead of fast heat-shrink oven
OS-RIBKST-1	OptiSplice Ribbon Fusion Splicer standard kit with 12-fiber ribbon holders, FBC-012 Cleaver, deluxe workstation case with wheels, built-in fast heat-shrink oven, thermal stripper with rechargeable battery and power supply, splice tray holder, AC power supply with EU cord, Li-Ion battery with external charger, quick reference manual, user manual on CD, USB cable and maintenance tool kit
CLV-FBC006-2	Single-fiber cleaver FBC-006 with inlay and universal guide for 250 / 900µm coated fibers in plastic transport box, 25 cleaning stripes, Allen key, user manual
CLV-FBC006-3	Same as CLV-FBC006-2, but with inlay for OptiSplice series' fiber holders
CLV-FBC012-1	Cleaver FBC-012 for up to 12-fiber ribbon with fitting for OptiSplice series' fiber holders in transport box, residue bin, tool set, user manual
OS-RPDSHRINK-3	Stand-alone fast heat-shrink oven RapidoShrink™ with mounted stand, heat shield, desktop power supply with EU cord, operating instructions
U-RPDCRIMP-2	Stand-alone crimping device RapidoCrimp with mounted stand
HSP-60S100-1	Heat-shrink splice protector for single-fiber, 60 mm length, package of 100 pieces
HSP-45S100-1	Heat-shrink splice protector for single-fiber, 45 mm length, package of 100 pieces
HSP-40S100-1	Heat-shrink splice protector for single-fiber, 40 mm length, package of 100 pieces
HSP-40R405-1	Heat-shrink splice protector for attenuation splice and up to 4-fiber ribbon, 40 mm length, package of five pieces
HSP-40M25-1	Heat-shrink splice protector for 4- to 12-fiber ribbon, 40 mm length, 25 pieces / pack
CSP-1	Crimp & Go™ splice protector for single-fiber with 250 µm coating, 30 mm length, package of 150 pieces
A0276859	Splice Pak™ splice protector for 250-to-250 µm single-fiber, 35 mm length, yellow coloured, package of 25 pieces
A0295149	Same as A0276859, but for 250-to-900 µm single-fiber, blue coloured
A0295150	Same as A0276859, but for 900-to-900 µm single-fiber, green coloured

Ordering Information (cont.)

Note: only a small portion of Splice and Test Equipment product range is displayed here. For complete a product list, contact your local customer service

Splice Equipment (cont.)

Part Number	Description
S45057-Z301-A81	Soft brush for removal of fiber coating residues and rough dust
S46999-M7-S142	Plastic groove cleaner, pack of 10 pieces in box
S46999-M9-S15	Paper cleaning strips, pack of 50 pieces
S46999-M7-S139	Lint-free leather cloth for cleaning of scratch-sensitive surfaces

Fiber Optic Tools

Part Number	Description
FOT-FSKIT-1	Basic kit of fiber optic installation tools
FOT-FSKIT-2	Standard kit of fiber optic installation tools
FOT-FSKIT-3	Deluxe kit of fiber optic installation tools
S46998-Z302-A4	Midspan access opening tool for buffer tube diameters from 2.3 to 2.8 mm, molded plastic with stainless steel blade, blue
S46998-Z302-A5	Midspan access opening tool for buffer tube diameters from 2.8 to 3.1 mm, molded plastic with stainless steel blade, red
A0400978	Midspan access opening tool for buffer tube diameters from 4.8 to 5.3 mm, molded plastic with stainless steel blade, yellow
OFT-000	Optical Fiber Access Tool (OFAT) for midspan on minibundle or ALTOS® Cable, from 2.4 mm to 3.0 mm tube diameters, massive aluminum with stainless steel blade
UAT3-000	Universal Access Tool 3 is designed for midspan access applications for central tube design cables; from 5 mm to 24 mm tubes, massive aluminum with stainless steel blade
NFT-000	No-Slack Fiber Access Tool (NOFAT) for midspan on taut cable
RST-000	Ribbon Splitter Tool for separating ribbons in midspan or at the cable end
TKT-026-01A	Fiber Organizer Tape Applicator (FOTA) Ribbonizer Tool Kit for 6- or 12-fiber ribbons includes FOTA tool, tape and basic tools
RPOC-001	Ripcord Puller for outdoor cable fits into electric screwdrivers or drills for use in opening cable sheaths of outdoor cables

Test Equipment

Part Number	Description
1000BK-MDSD-SC	Modular OTDR basic kit with OV1000 main frame, one quad optical module multimode 850 / 1300 nm (27 / 26 dB) and single-mode 1310 / 1550 nm (36 / 34 dB), SC/UPC source port adapters, deluxe transport case with wheels, Li-Ion battery, AC power supply with EU cord, CD with PC Viewer software and user manual
1000BK-SD34-SC	Same as 1000BK-MDSD-SC, but with SM 1310 / 1550 nm (36 / 34 dB)
1000BK-SD37-SC	Same as 1000BK-MDSD-SC, but with SM 1310 / 1550 nm (39 / 37 dB)
1000BK-ST37-SC	Same as 1000BK-MDSD-SC, but with SM 1310 / 1550 / 1625 nm (39 / 37 / 36 dB)
1000BK-ST137-SC	Same as 1000BK-MDSD-SC, but with SM 1310 / 1490 / 1550 nm (39 / 34 / 37 dB)
1000BK-SD40-SC	Same as 1000BK-MDSD-SC, but with SM 1310 / 1550 nm (42 / 41 dB)
1000BK-SD45-SC	Same as 1000BK-MDSD-SC, but with SM 1310 / 1550 nm (45 / 45 dB)
1000BK-MD26-SC	Same as 1000BK-MDSD-SC, but with MM 850 / 1300 nm (27 / 26 dB)
1000DK-(...)-SC	OTDR deluxe kits: same as 1000BK-(...)-SC kits, adding built-in power meter, visual fault locator (VFL) and SC meter port adapter, CD with OTS Reporter batch processing software

Splice and Test Equipment

Ordering Information (cont.)

Note: only a small portion of Splice and Test Equipment product range is displayed here. For complete a product list, contact your local customer service

Test Equipment (cont.)

Part Number	Description
1000-(...)-SC	Separate optical module for OV1000 including SC/UPC adapter(s) with same wavelength and dynamic as shown in the kits 1000BK-(...)-SC or 1000DK-(...)-SC
1000-OTSREPORTER	Batch processing software for Corning OTDR, for fast and comfortable mass processing of measurement data
UI-xx	Adapter for a source port, available types: SC/UPC | xx=SC, FC/UPC | xx=FC, ST/UPC | xx=ST & E2000/UPC | xx=E2000
OA-xx	Adapter for a power meter port, available types: SC/UPC | xx=SC, FC/UPC | xx=FC, ST/UPC | xx=ST, E2000/UPC | xx=E2000 & LC/UPC | xx=LC
OV-MINI series	OV-MINI series mini-OTDR with built-in optical module multimode 850 / 1300 nm (24 / 25 dB) and single-mode 1310 / 1550 nm (29 / 28 dB) *For detailed configurations, kit contents and order information on Corning's OV-MINI please contact your local Customer Service Representative*
OTS-6MDSD	OTS-600 series single-mode / multimode test kit with OS-4MDSD-SC four-wavelength optical source (850 / 1300 / 1310 / 1550 nm), OM-610 certification power meter, integrated VFL, SM / MM jumper kits, CD with manual and report processing software
OTS-613QD	OTS-600 series single-mode / multimode bidirectional test kit with two OT-613QD-SC certification testers including four-wavelength optical source (850 / 1300 / 1310 / 1550 nm), certification power meter, integrated VFL, SM / MM jumper kits, CD with manual and report processing software
OTS-411D-V-SC	OTS-400 series tester multimode with optical source (850 / 1300 nm), power meter, SC adapters for source and meter, integrated VFL and MM jumper kit, CD with manual and report processing software
OTS-412XD-V-SC	Same as OTS-411D-V-SC, but with single-mode 1310 / 1550 nm
OTSK-411D-V-SC	Same as OTS-411D-V-SC, but with two testers and two jumper kits
OTSK-412XD-V-SC	Same as OTS-412XD-V-SC, but with two testers and two jumper kits
LTK-4MDSD-SC	LTK-400 series single-mode / multimode loss test kit with OS-4MDSD-SC four-wavelength optical source (850 / 1300 / 1310 / 1550 nm), OM-410-SC power meter, SM / MM jumper kits and CD with manual
OTSK-COMBOMAN	Mode strippers (mandrels) for 50 µm and 62.5 µm multimode fiber cable with 2.9 mm jacket diameter
TJK-SMSCUPC	Test jumper kit single-mode SMF28e including two jumper cords with two meters length each and SC/UPC connectors, one SC-to-SC adapter
PTB-200M-SP5858	Portable test fiber bag with 200 meters SMF28e+ 50 µm SC/UPC to SC/UPC simplex
PTB-200M-SP5454	Portable test fiber bag with 200 meters SMF28e+ 50 µm FC/UPC to FC/UPC simplex
PTF-500M-SP5858	Portable test fiber box with 500 meters SMF28e+ SC/UPC to SC/UPC simplex
PTF-500M-SP2058	Portable test fiber box with 500 meters SMF28e+ E2000/UPC to SC/UPC simplex
PTF-1KM-SP5858	Portable test fiber box with 1,000 meters SMF28e+ SC/UPC to SC/UPC simplex
PTF-100M-5P3939	Portable test fiber box with 100 meters MM 50 µm SC/UPC to SC/UPC simplex
PTF-100M-5P5050	Portable test fiber box with 100 meters MM 50 µm ST/PC to ST/PC simplex
LTF, NSS...	Large Test Fiber case LTF and Network Simulation System NSS available with different lengths, fiber types and connector configurations *For ordering details please contact your local Customer Service Representative*
VFL-350	Visual Fault Locator VFL with visible 635 nm source, pen-style, universal adapter for 2.5 mm ferule (LC 1.5 mm adapter optionally available)
CHECKPOINT PLUS	Fiber identifier with integrated power meter, direction indicator, interchangeable inserts for 250 µm coated, 900 µm tight-buffered, 3 mm jacketed and ribbon fibers
1000-FIPKIT	Connector endface inspection probe FIP with 200 / 400 x magnification, for use in combination with OV1000 OTDR, mini-OTDR or OTS-600 series, kit includes probe, universal 1.25 mm and 2.5mm tip, SC, FC, ST, LC bulkhead tips

Splice and Test Equipment

"Test before Buy", Demo and Rental Units

With many of life's major purchases, it's important to test the water before taking the big plunge. At Corning Cable Systems, we offer you that same opportunity before you make an investment in your splice and test equipment. Contact us and we will have one of our technology experts arrange a free demo of our latest equipment. Also having a project running without the equipment needed? Give us a ring so we can quote you a rental for a reasonable price that surely won't empty your wallet!

Trade-In Programs

Are you not happy with your current equipment? Need to modernize your splice and test equipment fleet but the potentially high investment scares you off? Corning Cable Systems can help you to find the solution by offering you good value for your aged equipment regardless of what brands it is. Don't hesitate to contact us so that we can give you a quote for this "exchange old against new" program.

Used Units for Sales

The regular update of Corning Cable Systems' product line and the huge fleet of demo units provide a lot of used equipment. These are well-maintained, have only a few limitation compared to the latest releases and still represent a very good value-for-the-money. If you currently have a limited budget and can compromise on some of the latest available features, then these refurbished units, including six months warranty, are something you should consider. Contact your local customer service representatives for a list of used equipment on sale at very attractive pricing.

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