



PRODUCT CATALOG

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FUSION SPLICERS

Splicing Made Easy and Affordable



ALL-IN-ONE PRODUCT

UCL Swift's fiber optic fusion splicers provide best-in-class optical performance with a simplistic design, making installs for any application easy and affordable. Our All-In-One splicers provide all five splicing functions including stripping, cleaning, cleaving, splicing and sleeving – all in a single unit. UCL Swift fusion splicers are ideal for LAN, CATV or FTTx applications.

PRODUCT#	DESCRIPTION
 <p>SWIFT KF4A Active Cladding Alignment</p>	<p>The Swift KF4A is a highly advanced, All-In-One active cladding alignment fusion splicer, designed to perform the major five functions systematically: stripping, cleaning, cleaving, splicing and protecting. The KF4A is the best fit for fusion splicing and fusion splice-on connectors (FSOC) of FTTx network applications. It eliminates critical issues common with conventional mechanical connectors including low quality, weak durability and high maintenance costs.</p>
 <p>SWIFT KF4AV Active Cladding Alignment</p>	<p>The Swift KF4AV is a top-tier, All-In-One fusion splicer with precise alignment capabilities and the addition of a VFL and InGaAs power meter. The KF4AV systematically performs the five major functions including stripping, cleaning, cleaving, splicing and protecting. This device ensures optimum optical functionality and eliminates the extra time and expenses used to correct errors.</p>
 <p>SWIFT K33 Core Alignment Splicer</p>	<p>The Swift K33 is an IPAAS core alignment splicer ideal for medium- and long-range optical circuits, LAN, CATV and FTTx. With a compact, light, rugged design and a long life battery, the K33 delivers high-precision performance with an arc electrode life of up to 18,000 splices and rotating blade life up to 77,000 cleaves.</p>
 <p>SWIFT K33A Core Alignment Splicer</p>	<p>The Swift K33A is a premium, All-In-One IPAAS core alignment splicer that provides the best workability and the integration of the five major functions: stripping, cleaning, cleaving, splicing and protecting. This compact and rugged fiber splicer is ideal for medium and long-range optical circuits, LAN, CATV, FTTx. With a rotating blade life that can allow up to 77,000 cleaves, the K33A combines long-lasting durability with high precision performance.</p>
 <p>SWIFT KR12 Ribbon Splicer</p>	<p>The Swift KR12 Ribbon Splicer is ideal for campus, building and datacenter backbone applications where high fiber counts are required. With a compact, light, rugged design and a long life battery, the KR12 provides resistance to shock, dust and water, and delivers exceptional performance.</p>
 <p>SWIFT KR12A Ribbon Splicer</p>	<p>The Swift KR12A is an All-In-One Ribbon Splicer that offers a strong option for in-field fiber splices that delivers superior optical performance and improved productivity. Integrated with five functions in one unit, the KR12A can strip, clean, cleave, splice and protect in less time and with better results. In addition, the rotating blade life can handle up to 3,650 12-fiber ribbon cleaves and a fully charged battery can accommodate up to 236 12-fiber splice cycles.</p>

* All-In-One fusion splicers by UCL Swift are the most advanced fiber termination components on the market. Capable of performing all five splicing functions within a single unit, the All-In-One provides installers a cost-effective and time-saving alternative to traditional fusion splicers.

HDC KITS

PREMIUM FUSION SPLICER



ALL-IN-ONE PRODUCT

Complete Hardened Connector Solutions

The UCL Swift KF4A-HDC and K33A-HDC are designed for field installation of PSPL and CR type hardened fusion splice-on connectors. Equipped with All-In-One technology, these highly advanced and accurate fusion splicers are the best fit for hardened applications specific to the FTTH network installations.

PRODUCT# DESCRIPTION



SWIFT KF4A HDC KIT

KF4A HDC All-In-One Active Clad Alignment Fusion Splicer Kit

KIT INCLUDES: Swift KF4A-HDC arc fusion splicer, hard carry case, EI-24 spare electrodes, CT-01 cooling tray, KF-3400 battery, allen wrench, fiber holder, 900 μ m (2) (**HS-900**), AC charger, CD user guide, splice-on connector holder, SC/FC (**KF4-SC**), splice-on connector holder, LC (**KF4-ILC**). Electrode life of up to 38,000 splices and rotating blade life up to 77,000 cleaves.



SWIFT K33A HDC KIT

K33A HDC All-In-One Core Alignment Fusion Splicer Kit

KIT INCLUDES: Swift K33A-HDC arc fusion splicer, hard carry case, EI-23 spare electrodes, CT-01 cooling tray, K3360 battery, allen wrench, fiber holder, 900 μ m (2) (**HS-900**), AC charger, CD user guide, splice-on connector holder, SC/FC (**HS-SC/FC**), splice-on connector holder, LC (**HS-ILC**). Electrode life of up to 18,000 splices and rotating blade life up to 77,000 cleaves.



HDCFT-KIT ACCESSORY KIT*

Kit for KF4A-HDC & K33A-HDC

External heater for hardened connector weatherproofing (**HDC HEATER**)

Drop cable guide-snap mount (**HDC-DCG**)

Choose one of the most popular hardened cable type holders (**HDC-900L**: 5.8mm round drop cable holder 3mm to 900 μ m)

(**HDC-900S**: 5.0mm round drop cable holder 3mm to 900 μ m)

Crimp tool for HDC (**HT-5133F2 HDC CRIMP TOOL**)

Flat drop cable slitter

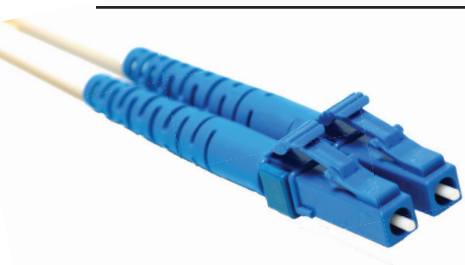
* Accessory kit required to install HDC Connector

CONNECTIVITY



For FTTH, LAN, WAN, Passive Optical Networking and More

In today's era of ubiquitous multimedia based on the Internet and mobile devices, there has been a tremendous explosion in bandwidth requirements for communication networks. High-speed, long-distance and voluminous data transfers have come to be accepted as the norm today. The need for high-speed and quality access to the Internet has driven academic and commercial interests to grow and accelerate further developments for optical technologies. UCL Swift continues to provide cutting edge fiber optic connectivity, precision manufactured with our own ferrule for maximized performance of your fiber network.

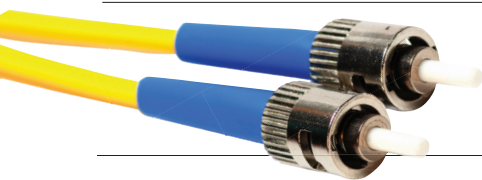


LCS-0M4-UPC-09/SA
LC Fiber Optic Connector

Splice-On Connector LC Simplex OM4 UPC 900µm

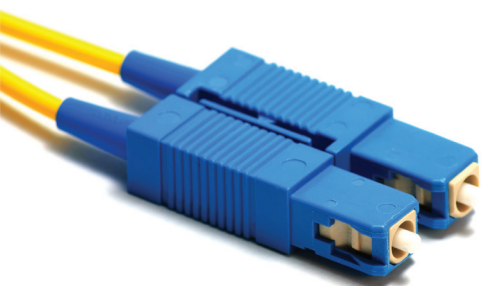
LCS-SM-UPC-09/SA
LC Fiber Optic Connector

Splice-On Connector LC Simplex SM UPC 900µm



ST-SM-UPC-09
ST Fiber Optic Connector

Splice-On Connector ST SM UPC 900µm



SC-OM4-UPC-09
SC Fiber Optic Connector

Splice-On Connector SC OM4 UPC 900µm

SC-SM-UPC-09
SC Fiber Optic Connector

Splice-On Connector SC SM UPC 900µm

SC-SM-APC-09
SC Fiber Optic Connector

Splice-On Connector SC SM APC 900µm



12HAS2MT
MPO Connector

12 Fiber/Hole Type/APC/OS2/MT Elite Ferrule
MPO - No Pins (Female)



12HFM4MT
MPO Connector

12 Fiber/Hole Type/OM4/3.0mm/MT Elite Ferrule
MPO - No Pins (Female)



HDC-SM (G.652D)-SC/APC 5.4X3.0

Opti-Tap® compatible hardened splice-on connector kit; fiber type: SM(G.652D); drop cable O.D size: 5.4mmx3.0mm

HDC-SM(G.652D)-SC/APC 8.1X4.5

Opti-Tap® compatible hardened splice-on connector kit; fiber type: SM(G.652D); drop cable O.D size: 8.1mmx4.5mm

FIBER DROP CABLE



Flat All-Dielectric & Tenable Drop Cable for FTTH Applications

UCL Swift's FTTH Drop Cable all-dielectric that utilizes two non-metallic strength members to permit reliable self-support from the pole to the structure. When used with UCL Swift's HDC field-installable, hardened fusion splice-on fiber optic connector, you get an easy-to-install solution that will deliver long-term, reliable performance. Field termination of FTTH drop cables allows exact length runs without wasteful, unsightly slack storage coils on the pole or at the structure.

PRODUCT

DESCRIPTION



SST CABLE

SST-Style Drop Cable

UCL Swift's all-dielectric, flat FTTH drop cable is designed for installation in various outside plant environments such as direct burial, conduit and aerial self-supporting applications. The optional toning conductor makes for easy underground installation and detection.

RIBBONIZING KITS

Tools for easy ribbonizing and rapid fiber deployment

UCL Swift's RK Ribbonizing Kit organizes individual fibers into ribbons for mass splicing. Ribbonizing can be completed in less time and easily transitions to stripping, cleaving, and splicing with the Swift All-In-One fusion splicers.

PRODUCT#

DESCRIPTION



RK-01 RIBBONIZING KIT

Ribbonizing Kit

H7-12-10L Holder (1 each)
RH-Guide & JIG (1 each)
LOCTITE 4861 (1 each)
50 Ribbonizing sheet (RCS-01)(1 pack)

MISCELLANEOUS PRODUCTS



PRODUCT

DESCRIPTION

FIBER OPTIC SPLICE STATION

FOST fiber optic splice station

WHEEL KIT FOR FOST

Wheel kit for FOST

S09

1 x 45mm fiber protection sleeve

S160

1 x 60mm fiber protection sleeve

F1-WK-B WORK BELT

Splicer Work Belt

TEST EQUIPMENT



Easy, Accurate Fiber Optic Testing

The Swift Test product line consists of six Fiber Optic Test Equipment Kits, designed to accommodate both your budget and network testing requirements for data center, enterprise and LAN applications. Our handheld test kits can provide expedited testing for your physical layer connectivity infrastructures with accuracy and ease.



TEK-1

Premium MM & SM Test Kit, includes TEK-2 materials plus visual fault finder, 2.5mm to 1.2mm adapter and fiber optic inspection microscope*

TEK-2

Advanced MM & SM Test Kit, includes optical power meter, single- and multi-mode light sources, and necessary adapters*

**Swift Test kits are available in 6 unique configurations. Contact main office for details.*

FIBER HOLDERS

To Assist Precise Fusion Splices



PRODUCT #	DESCRIPTION
HS-2.5F(L)	2-3mm fiber holder, left side
HS-250	Fiber holder 250µm (2)
HS-900	Fiber holder 900µm (1 pair)
HS-LS-900(L)	Loose tube fiber holder, left side
KF4-ILC	LC Splice-On connector holder, KF4A splicer
KF4-SC	SC Splice-On connector holder, KF4A splicer
KF4-ST	Splice-On ST connector holder, KF4A splicer
ST JIG	ST jig for ST connector
MPO-10-KR12	MPO-10 holder for KR12A
H7-250-10P	250µm fiber holder for ribbon splicer (1 pair)
H7-900-10P	900µm fiber holder for ribbon splicer (1 pair)
H7-2-10	2 strand fiber holder for ribbon splicer (1 pair)
H7-4-10	4 strand fiber holder for ribbon splicer (1 pair)
H7-6-10	6 strand fiber holder for ribbon splicer (1 pair)
H7-8-10	8 strand fiber holder for ribbon splicer (1 pair)
H7-10-10	10 strand fiber holder for ribbon splicer (1 pair)
H7-12-10P	12 strand fiber holder for ribbon splicer (1 pair) for KR7, R5, KR12A

CLEANING KITS



Tools to Clean for Accurate Fiber Optic Splices

UCL Swift's line of cleaning kits provide everything you need to save time and money by ensuring maximum-efficiency fiber optic connectivity from the start. These comprehensive tool kits are ideal for both maintaining your UCL Swift splicer or the end face of your fiber connectors. Conveniently packaged together with all the supplies you need, the SWIFT CK line of cleaning kits helps contractors and installers ensure they are making solid connections every time.

PRODUCT

DESCRIPTION



SWIFT CK-01 Cleaning Kit

Used for maintenance and cleaning of UCL Swift splicers
UCL Swift recommends regular cleaning to ensure correct performance
Non-alcohol cleaning solution allows air shipment with no restrictions



SWIFT CK-02 Connector Cleaning Kit

Used for maintenance and cleaning of the end face of a connector
Non-alcohol cleaning solution allows air shipment with no restrictions
Includes an IBC (In Bulkhead Cleaner) that cleans out-of-reach connectors inside the adaptor bulkhead

FIBER CLEAVERS



To Assist Precise Fusion Splices

High-performance fiber splices require the ultimate precision tool for fiber cleaving. UCL Swift's stand-alone fiber optic cleavers are available with single fiber adaptors for 250 to 900 micron coated single fibers. The simple user interface allows for easy operation and the single-action capabilities cleave and collect fiber shards with one device.

PRODUCT

DESCRIPTION



SWIFT CI-01

Stable operation by step action process
Compact design
High-precision blade with 16 cleave channels



SWIFT CS-01BT

Auto-rotating blade
Long life cycle with its stability by adopting double slide bearing system
Oil damper system
Single fully automatic action for cleaving and collecting fiber chips
75,000 cleaves per blade



SWIFT CI-03RT

Mini-sized single action precision cleaver w/ rotation blade for KR7



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PRODUCT CATALOG online

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