UCLSWIFT
NORTH AMERICA

PRODUCT GUIDE

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NORTH AMERICA

UCL Swift is a leading manufacturer of fusion splicing technology. For nearly a quarter of a century, UCL Swift has been developing and manufacturing high performance equipment for the fiber optics industry. Launching the first optical fiber termination products in 1999, UCL Swift has been developing and introducing various products for processing optical fibers such as strippers, cleavers, multi packs, core alignment splicers, cladding alignment splicers, multi-fiber ribbon splicers and Fusion Splice-On Connectors (FSOC).

UCL Swift changed the fusion splicer landscape in 2010 when it introduced its All-In-One fusion splicer, the F-1. The world's only fusion splicer with all splicing steps onboard, the groundbreaking F-1 allowed users to thermally strip, clean, cleave, splice and sleeve a fiber optic connection with one piece of equipment. The current model, known as the KF4A, has taken the market by storm due to its robust construction, compact size and lightweight design.
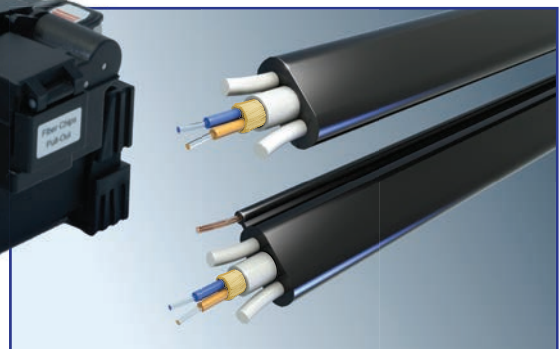
Innovating once more, UCL Swift introduced the world's only fusion splice-on OptiTap® style hardened connector for FTTx applications. When used with the KF4A-HDC cladding alignment fusion splicer (or K33A-HDC core alignment fusion splicer), hardened connections can now be made in the field in only minutes. In-field fusion splicing of hardened connectors provides a number of advantages over legacy methods that installers and broadband network operators can now benefit from, such as reduced cable waste, easier brownfield installations and improved inventory efficiencies.

Continuing to innovate, UCL Swift now takes its experience with splicing technology to the next level. Introducing SWIFT-FX Hardened Solutions for FTTH applications.

SWIFT-FX IS THE NEXT TECHNOLOGY FOR FIBER TO THE HOME.

KF4A-HDC

DROP CABLE

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, cleaving, cleaning, splicing and sleeving – all in a single unit. UCL Swift fusion splicers are ideal for LAN, CATV or FTTx applications.

PRODUCT#	DESCRIPTION

SWIFT KF4A-HDC
Active Cladding Alignment

The **Swift KF4A-HDC** is a highly advanced, All-In-One active-cladding alignment fusion splicer, designed to perform the five major splice functions systematically: stripping, cleaning, cleaving, splicing and protecting. The **KF4A-HDC** 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.

INCLUDES: KF4A-HDC fusion splicer (1), battery (1), battery adapter (1), spare electrodes (1 pr.), transport case (1), carrying strap (1), HS-900-900µm fiber holders (1 pr.), HS-250-250µm fiber holders (1 pr.), KF4-SC/FC-SC splice-on connector holder (1), cooling tray (1), sleeve clamp (1), USB cable (1), hard brush (1), soft brush (1), Allen wrench (1), tweezers (1), cable (1), hard brush (1), soft brush (1), Allen wrench (1), tweezers (1).

SWIFT KF4AV
Active Cladding Alignment

The **Swift KF4AV** is a top-tier, All-In-One fusion splicer with precise alignment capabilities and the addition of a VFL and an InGaAs power meter. Like the KF4A, the **KF4AV** systematically performs the five major splice functions. This device ensures optimum optical functionality and eliminates the extra time and expenses used to correct errors.

INCLUDES: KF4AV fusion splicer (1), battery (1), battery adapter (1), spare electrodes (1 pr.), transport case (1), carrying strap (1), HS-900-900µm fiber holders (1 pr.), KF4-SC/FC-SC splice-on connector holder (1), LC splice-on connector holder, KF4-ILC (1), cooling tray (1), sleeve clamp (1), USB cable (1), hard brush (1), soft brush (1), Allen wrench (1), tweezers (1).

SWIFT KF4A
Active Cladding Alignment

The **Swift KF4A**, our most popular model, is a top-tier, All-In-One fusion splicer with precise alignment capabilities. At only 3.3 lbs., the splicer is one of the lightest on the market and has all the splicing steps integrated. The splicer's intuitive design makes it ideal for those new to splicing, but is also option rich with many useful features that can be customized to the user's liking. Like all other UCL Swift splicers, the unit comes in a rugged carrying case that can also double as a work surface for the splicer.

INCLUDES: KF4A fusion splicer (1), battery (1), battery adapter (1), spare electrodes (1 pr.), transport case (1), carrying strap (1), HS-900-900µm fiber holders (1 pr.), KF4-SC/FC-SC splice-on connector holder (1), KF4-ILC-LC splice-on connector holder (1), cooling tray (1), sleeve clamp (1), USB cable (1), hard brush (1), soft brush (1), Allen wrench (1), tweezers (1).

SWIFT K33A-HDC
Core Alignment Splicer

The **Swift K33A-HDC** 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 **K33A-HDC** delivers high-precision performance with an arc electrode life of up to 18,000 splices and rotating blade life up to 77,000 cleaves.

INCLUDES: K33A-HDC fusion splicer (1), battery (1), battery adapter (1), spare electrodes (1 pr.), transport case (1), carrying strap (1), HS-900-900µm, fiber holders (1 pr.), HS-250-250µm, fiber holders (1 pr.), HS-SC/FC-SC splice-on connector holder (1), cooling tray (1), sleeve clamp (1), UCS cable (1), hard brush (1), soft brush (1), Allen wrench (1), tweezers (1).

PRODUCT#	DESCRIPTION
SWIFT K33A Core Alignment Splicer	The **Swift K33A** is an All-In-One IPAAS core alignment splicer that provides the best workability and the integration of all five major splice functions. This 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. ***INCLUDES:*** *K33A fusion splicer (1), battery (1), battery adapter (1), spare electrodes (1 pr.), transport case (1), carrying strap (1), HS-900-900µm fiber holders (1 pr.), HS-250-250µm fiber holders (1 pr.), cooling tray (1), sleeve clamp (1), USB cable (1), hard brush (1), soft brush (1), Allen wrench (1), tweezers (1).*
SWIFT K33 Core Alignment Splicer	The **Swift K33** is a premium IPAAS core alignment splicer. This compact and rugged fiber splicer is ideal for medium and long-range optical circuits, LAN, CATV, FTTx. With an arc life of 18,000 splices and a rotating blade life that can allow up to 77,000 cleaves, the **K33** combines long-lasting durability with high precision performance. ***INCLUDES:*** *K33 fusion splicer (1), battery (1), battery adapter (1), spare electrodes (1 pr.), transport case (1), carrying strap (1), CS-01BT Cleaver (1), CF-02 manual stripper (1), installed fiber clamps (1 pr.), cooling tray (1), sleeve clamp (1), USB cable (1), soft brush (1), Allen wrench (1), tweezers (1).*
SWIFT KR12 Ribbon Splicer	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. ***INCLUDES:*** *KR12 fusion splicer (1), battery (1), battery adapter (1), spare electrodes (1 pr.), transport case (1), carrying strap (1), H7-12-10- 250µm ribbon fiber holders (1 pr.), cooling tray (1), sleeve clamp (1), USB cable (1), hard brush (1), soft brush (1), Allen wrench (1), tweezers (1).*
SWIFT KR12A Ribbon Splicer	Integrated with the five major splice functions in one unit, the **Swift KR12A** can strip, clean, cleave, splice and protect in less time and with better results than alternative termination methods. In addition, the rotating blade life can handle up to 3,650 12-fiber ribbon cleaves and unit maintenance can be achieved through an online connection. ***INCLUDES:*** *KR12A fusion splicer (1), battery (1), battery adapter (1), spare electrodes (1 pr.), transport case (1), carrying strap (1), H7-12-10- 250µm ribbon fiber holders (1 pr.), cooling tray (1), sleeve clamp (1), USB cable (1), hard brush (1), soft brush (1), Allen wrench (1), tweezers (1).*
SWIFT KR12A-P200 Core Alignment Splicer	The **Swift KR12A-P200** is an All-In-One Ribbon Splicer designed specifically for 200 micron ribbon fiber. Integrated with the five major splice functions in one unit, the **KR12A-P200** can strip, clean, cleave, splice and protect in less time and with better results than alternative termination methods. 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. ***INCLUDES:*** *KR12-P200 fusion splicer (1), battery (1), battery adapter (1), spare electrodes (1 pr.), transport case (1), carrying strap (1), H7-12-020 fiber holders (1 pr.), cooling tray (1), sleeve clamp (1), UCS cable (1), hard brush (1), soft brush (1), Allen wrench (1), tweezers (1).*

FUSION SPLICE-ON CONNECTORS

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 provides cutting edge fiber optic connectivity, precision manufactured with our own ferrules to enable maximum performance of your fiber optic network.

LC FIBER OPTIC CONNECTOR	ST FIBER OPTIC CONNECTOR	SC FIBER OPTIC CONNECTOR
Splice-On Connector LC Simplex OM4 UPC 900μm	Splice-On Connector ST SM UPC 900μm	Splice-On Connector SC OM4 UPC 900μm

PART NUMBER CONFIGURATOR
Use this configurator to build the part number.

ⓘ Example Part #   **SC - SM - APC - 09**

Connector
SC
FC
ST
LCS (single)
LCD (double)

Fiber Type
OM1
OM2
OM3
OM4
SM

End Face Type	
APC	Angled Polish Connector
UPC	Ultra Polished Connector

Jacket Diameter	
09	900μm Jacket
20/30	2-3mm Jacket
20	2mm Jacket (LC only)

MPO CONNECTOR

Multi-Fiber Push-on (MPO) connectors allow you to link multiple fiber optic strands together inside one connector housing. UCL Swift offers fusion splice-on connectors for use with our KR12 and KR12A mass fusion splicers. Available for multimode and singlemode applications, the connectors come in both male and female versions. MPO connectors reduce the required termination space for multi-fiber applications. These connectors, when used with our ribbon splicers, quickly provide reliable, high-performance terminations. Connector kits include multiple boot options, including pass-through boots for ribbon fiber and 2/3mm boots for round fiber cables.

ⓘ Example Part #   **12   P   A   S2   MT**

Fiber Quantity
12

Interface Type	
P	Pin
H	No Pin

End Face Type	
A	Angled Polish Connector
F	Ultra Polished Connector

Glass Type	
S2	OS2 Singlemode
M4	OM4 Multimode

MT Elite Ferrule	
MT	MT Elite Ferrule

FIBER
HOLDERS

To Assist Precise Fusion Splicers

UCL Swift fiber and connector holders are necessary to perform fusion splices on UCL fusion splicers. Holders enable precise movement of the fiber or connector through the splice steps onboard the splicer unit. Different models of holders are available to accommodate the wide range of fibers and connectors that can be fusion spliced on a UCL Swift fusion splicer. They have magnets and guide holes that do all the alignment for you. Add them to your tool kit so you'll be prepared for your next project.

PRODUCT	DESCRIPTION	PRODUCT	DESCRIPTION
HS-2.5FP	2-3mm fiber holder, left side; Fits K33, K33A, K33A-HDC, K11, K7, KF4, KF4A, KF4A-HDC	H7-4-10P	4-strand fiber holder for ribbon splicer (1 pair); Fits KR12, KR12A
HS-250	Fiber holder 250µm (1 pair); Fits K33, K33A, K33A-HDC, K11, K7, KF4, KF4A, KF4A-HDC	H7-6-10P	6-strand fiber holder for ribbon splicer (1 pair); Fits KR12, KR12A
HS-900	Fiber holder 900µm (1 pair): Fits K33, K33A, K33A-HDC, K11, K7, KF4, KF4A, KF4A-HDC	H7-8-10P	8-strand fiber holder for ribbon splicer (1 pair); Fits KR12, KR12A
HS-LS-900L	Loose tube fiber holder, left side: Fits K33, K33A, K33A-HDC, K11, K7, KF4, KF4A, KF4A-HDC	H7-12-10P	12-strand fiber holder for ribbon splicer (1 pair); Fits KR12, KR12A
HS-SC/FC	SC Splice-On connector holder. Fits K33A, K33A-HDC	ROC-900	Fiber holder 900µm for ROC style drop cable (part of HDC Accessory Kit); Fits KF4A-HDC, K33A-HDC
KF4-ILC	LC Splice-On connector holder. Fits KF4, KF4A, KF4A-HDC	SST-900L	Fiber holder 900µm for 8145 flat drop cable (part of HDC Accessory Kit); Fits KF4A-HDC, K33A-HDC
KF4-SC	SC Splice-On connector holder. Fits KF4, KF4A, KF4A-HDC	SST-250L	Fiber holder 250µm for 8145 flat drop cable (part of HDC Accessory Kit); Fits KF4A-HDC, K33A-HDC
KF4-ST	ST Splice-On connector holder. Fits KF4, KF4A, KF4A-HDC	4824-900	Fiber holder for 900µm for 4824 flat drop cable. Fits KF4A-HDC, K33A-HDC
ST JIG	ST jig for ST connector; Works with ST holders	500-900	Fiber holder for 900µm for 5000 round drop cable. Fits KF4A-HDC, K33A-HDC
MPO-10-KR12	MPO Splice-On connector holder; Fits KR12, KR12A		
H7-250-10P	250µm fiber holder for ribbon splicer (1 pair); Fits KR12, KR12A		
H7-900-10P	900µm fiber holder for ribbon splicer (1 pair); Fits KR12, KR12A		
H7-2-10P	2-strand fiber holder for ribbon splicer (1 pair); Fits KR12, KR12A		

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

*Visit **uclswiftna.com** website for more cleaver options.*

CLEANING KITS

Tools to Clean for Accurate Fiber Optic Splices

UCL Swift's line of cleaning kits provide everything you need to quickly and efficiently perform fusion splices. These comprehensive tool kits are ideal for both maintaining your UCL Swift splicer or cleaning 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	**KIT INCLUDES:** Zipper carry bag (1), Swabs-package of 25 (1), AquaKleen cleaner - 2 fl oz bottle (2), FiberKleen wipes - pk of 50 wipes (2), Brush (1), Screwdriver (1), Tweezers (1), Illuminated jeweler's loupe (1), Sharpie - medium point (1), Instruction sheet (1)
SWIFT CK-02 Connector Cleaning Kit	**KIT INCLUDES:** Zipper carry bag (1), Swabs-package of 25 (1), AquaKleen cleaner - 2 fl oz bottle (1), FiberKleen wipes - pk of 50 wipes (1), IBC-SC (2), IBC-LC (2), Optipop-R (1), Instruction sheet (1)

TEST EQUIPMENT

Easy, Accurate Fiber Optic Testing

The Swift Test product line consists of six Fiber Optic Test Equipment Kits. The most popular are shown below. Designed to accommodate your budget and network test requirements for data center, enterprise and LAN applications, our handheld test kits can provide expedited testing for your physical layer connectivity infrastructure.

TEK-1

PREMIUM MM & SM TEST KIT*

KIT INCLUDES: Optical power meter, LED light , Laser light source, carrying case, recharger & rechargeable batteries, DC power supply, LC light source, LC backloop, 1mW VFL, 2.5mm to 1.25mm adapter for VFL, 400x handheld microscope, testing software, accessory case, AA & AAA batteries, LC/LC-LC/SC 3 ft. duplex OM4 jumper, LC/LC-LC/SC 3 ft. duplex OS2 jumper, SC/LC 3 ft. simplex OM4 jumper, SC/LC 3 ft. simplex OS2 jumper, CR2 batteries (non-rechargeable)

TEK-2

ADVANCED MM & SM TEST KIT*

KIT INCLUDES: Optical power meter, LED light , Laser light source, carrying case, recharger & rechargeable batteries, DC power supply, LC light source, LC backloop, testing software, accessory case, LC/LC-LC/SC 3 ft. duplex OM4 jumper, LC/LC-LC/SC 3 ft. duplex OS2 jumper, SC/LC 3 ft. simplex OM4 jumper, SC/LC 3 ft. simplex OS2 jumper, CR2 batteries (non-rechargeable)

Swift Test kits are available in 6 unique configurations. Visit **uclswiftna.com for details.*

RIBBONIZING KITS

Tools for easy ribbonizing and rapid fiber deployment

UCL Swift's RK Ribbonizing Kits organize 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	**KIT INCLUDES:** For 2.0 and 3.0 cables with 12 250µm fibers, H7-12-10L Holder (1 each), RH-Guide & JIG (1 each), LOCTITE 4861 (1 each), 50 Ribbonizing sheet (RCS-01)(1 pack)
RK-03 RIBBONIZING KIT Ribbonizing Kit	**KIT INCLUDES:** For 12 loose 250µm fibers, H7-12-10L Holder (1 each), RH-Guide & JIG (1 each), LOCTITE 4861 (1 each), 50 Ribbonizing sheet (RCS-01)(1 pack)
RBSW-20AN- KIT Ribbonizing Kit	**KIT INCLUDES:** 200µm fiber aligner for rollable ribbon, HR-12-020 holder (1 each), Jig for holder (1 each)
RBSW-25AN-KIT Ribbonizing Kit	**KIT INCLUDES:** 250µm ribbon fiber aligner for rollable ribbon, HR-12-025 holder (1 each), Jig for holder (1 each)
RBSW-PC-2025-KIT Ribbonizing Kit	**KIT INCLUDES:** 200µm to 250µm pitch converter and 250µm ribbon fiber aligner, HR-12-025 holder (1 each), Jig for holder (1 each)

TERMINATION KITS
HARDENED CONNECTORS

Complete Hardened Connector Solutions

Termination kits are necessary for terminating UCL Swift hardened connectors. The kits include all the tools necessary to terminate HDC connectors on the **KF4A-HDC** and **K33A-HDC** splicers. There are two kits options available. Ensure you choose the appropriate kit for your splicer since the kits include a splicer-specific drop cable snap arm.

PRODUCT #   DESCRIPTION

HDCFT-01

HDCFT-01 TERMINATION KIT*
KF4A-HDCFT-01
KF33A-HDCFT-01

ITEM	DESCRIPTION	HDCFT-01
HDC-Heater	External heater for weatherproof shrink tube	X
HT-5133F2	Crimp tool for HDC	X
FOD-2000	Flat drop cable slitter	X
RST-8514	Toner wire slitter	X
HDC-DCG	Drop cable snap arm*	X
ROC-900	900µm fiber, ROC(R) drop cable holder	X
SST-900L	900µm fiber, SST (8145) drop cable holder	X
SST-250L	250µm fiber, SST (8145) drop cable holder	X
	(1)Permanent marker & Utility Bag	X

*To order the right Drop cable snap arm for your K33A-HDC or KF4A-HDC splicer, please notate which splicer you have upon ordering.

* Accessory kit required to install HDC Connector; sold separately from splicer.

PART NUMBER CONFIGURATOR
Use this configurator to build the part number.

ⓘ Example Part # **HFSOC - A1 - SC/APC - CR - 8145**

Hardened FSOC

Fiber Type	
D	G.652.D0
A1	G.657.A1
A2	G.657.A2
B3	G.657.B3

Connector and End Face Type	
SC/APC	SC Connector with Angled Face

*Visit **uclswiftna.com** for more HDC connector options.*

Cable Compatibility	
CR	Male OptiTap® Compatible
CRF	Female OptiTap® Compatible

Cable Type	
8145	8.1 x 4.5mm Cable
5430	5.4 x 3.0mm Cable
5020	5.0 x 2.0mm Cable
4824	4.8 x 2.4mm Cable
5000	5.0mm Cable

BENEFITS AND FEATURES

- Environmentally robust to provide a reliable interface in the outside plant environment
- Simplifies installation and maintenance in the FTTP(Fiber to the premises) network
- Protects against extreme temperature, moisture, UV, chemical exposure and other harsh conditions
- Provide cost savings by reducing wasted cable slack
- Easily terminates in the field for onsite maintenance and performance-driven connections

TECHNICAL SPECIFICATIONS
OPTICAL PERFORMANCE

	Insertion loss	Return loss
Singlemode (OS1 & OS2)	Typ. 0.15db, max. 0.30db	Min 55db (UPC), 65db (APC)

MECHANICAL PERFORMANCE TEST

TEST	RESULT
Flex test	8 flex cycles at +/-90°, 4.5 kgf (-10 lbf) load, -30°C and 40°C
Flex test	10 torsion cycles at +/-90°, -30°C and 40°C, twist 1 meter back
Proof test	Plug/Cap straight pull (0°), 20 kgf (44 lbf), 10 minutes Plug/Adapter straight pull (0°), 11.3 kgf (25 lbf), 60 seconds Plug/Adapter side pull (90°), 6.8 kgf (15 lbf), 60 seconds
Transmission with applied tensile load	0°, 90°, 135° respectively, 4.5 kgf, 30 minutes
Impact	5 m drop 3 axes on rigid flat surface
Durability	50 matings
Seal under load	7 days at 23°C, 10 ft water head, 2.5 lb - 90°, no damage

DROP CABLE
SST-STYLE

Flat All-Dielectric & Tonable Drop Cable for FTTH Applications

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.

PRODUCT#

DESCRIPTION

8.1 X 4.5 FLAT DROP CABLE

BROADBAND

Rugged design ideal for outdoor environments

Compact cable construction

All-Dielectric cable eliminates the need for bonding or grounding requirements

Optional toning conductor makes for easy detection and underground installation

Offers exceptional crush resistance

RoHS - Compliant

PART NUMBER CONFIGURATOR

Use this configurator to build the part number.

Example Part #   UCL - 1 - G562D0 - TD - 8145 - IM

UCL Swift

Number of Fibers
1
2

Fiber Type	
G652D0	G.652.D0
G657A2	G.657.A2
G657B3	G.657.B3

Toneable or Non-toneable	
TD	Toneable Drop Cable
DD	Dielectric Drop Cable

Cable Type	
8145	8.1 x 4.5mm Cable

MFG Code	
US	US Made
IM	Imported

More cable constructions are available. Visit the uclswiftna.com website or contact your sales representative for more information.

4.8 X 2.4 FLAT DROP CABLE

BROADBAND

Flexible and easy to install in tight spaces conduit

No bonding and grounding requirements.

Light weight and easy to install

Toneable drop cable allows for easy detection in underground installation environment

PART NUMBER CONFIGURATOR

Use this configuratior to build the part number.

Example Part #:   UCL - 1C - G657A2 - TD - 4824 - IM

UCL

Number of Fibers	
1C	One Fiber
2C	Two Fiber

Fiber Type	
G652D0	G.652.D0
G657A2	G.657.A2
G657B3	G.657.B3

Toneable or Non-toneable	
TD	Toneable Drop Cable
DD	Dielectric Drop Cable

Cable Type	
4824	4.8 x 2.4mm Cable

MFG Code	
US	US Made
IM	Imported

DOUBLE JACKET 5.0 DROP CABLE

BROADBAND

Ruggedized design for outdoor environment and safe material for indoor cabling application

Easy stripping with rip cord

G.657.B3 fiber is available for decrease macrobending loss

PART NUMBER CONFIGURATOR

Use this configuratior to build the part number.

ⓘ Example Part #:   **UCL - 1C - G657A2 - TD - 5000 - IM**

UCL

Number of Fibers		Fiber Type		Toneable or Non-toneable		Cable Type		MFG Code	
1C	One Fiber	G652D0	G.652.D0	TD	Toneable Drop Cable	5000	5.0mm Round Cable	US	US Made
2C	Two Fiber	G657A2	G.657.A2	DD	Dielectric Drop Cable			IM	Imported
		G657B3	G.657.B3						

SELF-SUPPORTING 5.0 X 2.0 DROP CABLE

BROADBAND

Compact size for installing in conduit

Easy handling and stripping without special tools

Self supporting structure and stranded wire is available to enhance flexibility

PART NUMBER CONFIGURATOR

Use this configuratior to build the part number.

ⓘ Example Part #:   **UCL - 1C - G657A2 - TD - 5020 - IM**

UCL

Number of Fibers		Fiber Type		Toneable or Non-toneable		Cable Type		MFG Code	
1C	One Fiber	G652D0	G.652.D0	TD	Toneable Drop Cable	5020	5.0 x 2.0mm Cable	US	US Made
2C	Two Fiber	G657A2	G.657.A2	DD	Dielectric Drop Cable			IM	Imported
		G657B3	G.657.B3						

MISCELLANEOUS PRODUCTS

PRODUCT #	DESCRIPTION	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		

SWIFT-FX
HARDENED
SOLUTIONS

MIDSPAN TERMINAL

LAST MILE SOLUTIONS

SWIFT-FX Hardened Solutions are a family of final-mile broadband solutions that utilize fusion splicing technology as their foundation. Network installers and operators using SWIFT-FX small-form-factor terminals, drop cables and midspans, along with UCL Swift All-In-One fusion splicer technology, can build more efficient networks that utilize fewer materials, deliver greater optical performance and are robust enough to deliver years of performance in a variety of environments.

SWIFT-FX splitter, tap and stub terminals accept UCL Swift Push/Pull hardened connectors which, like the OptiTap® style connectors, can be spliced on in the field. Patented Push/Pull technology makes connector installation quick and easy. The small footprint of the terminals also allows them to be easily installed in both greenfield and brownfield environments. On-site cable cutting and termination permits exact-length cable installations, reducing cable waste and simplifying installations where pathways may be congested.

Additionally, UCL Swift fusion splice technology allows Swift-FX hardware to be easily integrated with any new or existing broadband networks where Opti-Tap® terminations are utilized. **Swift-FX Hardened Solutions,** founded on UCL Swift's years of fusion splice experience, offer a new, flexible option-rich approach to FTTH network deployment.

SPLITTER TERMINAL
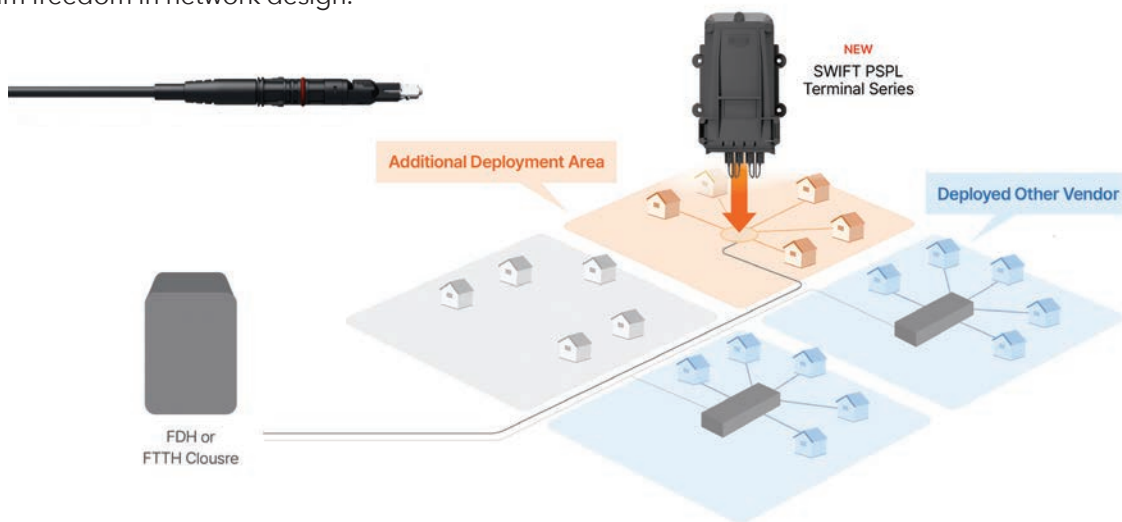
TAP TERMINAL

PSPL CONNECTOR

GREENFIELD SOLUTIONS

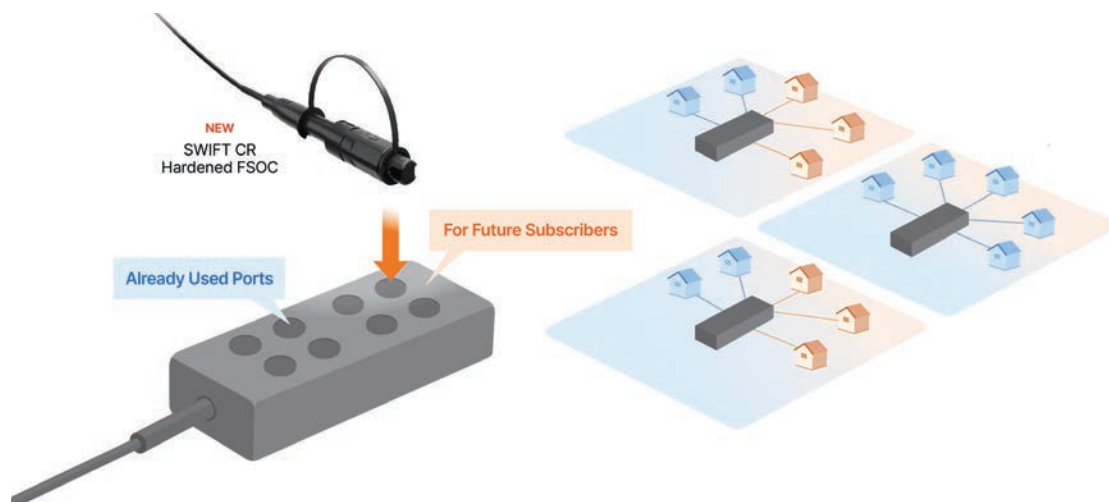Utilize **PSPL TERMINALS** and connectors for new deployment areas.

Swift-FX offers a variety of small form factor MSTs that are ideal for the new construction of Access networks. Hardened splitters, taps and stubs require very little space and are designed to handle a wide range of applications and environments. IP68 rated, Swift-FX MSTs utilize our advanced Push-Pull connector technology, making them quick to install and populate. Only UCL Swift offers in-field fusion splicing of hardened connectors allowing maximum freedom in network design.

BROWNFIELD SOLUTIONS

Utilize **CR HARDENED FSOCs** for the additional deployment areas.

Swift-FX offers solutions that simplify FTTH installations in brownfields. Where existing pathways may be congested, pulling in a cable is easier than pulling in a connectoried assembly. On-site HDC connector installation allows quicker, easier drop cable installation. You only pull in what cable is needed. You can cut the cable to the exact length you want and, utilizing UCL Swift's fusion splice hardened Opti-Tap® style connectors, field terminate the connector.

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