



America
ILSINTECH
HIGH PRECISION TECHNOLOGY

PRODUCTS



Ilseintech'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 5 splicing functions including stripping, cleaving, cleaning, splicing, sleeving – all in a single unit. The thermal stripper in the All-in-One system prevents cracks on the fiber that are usually caused by manual strippers. Ilseintech fusion splicers are ideal for LAN, CATV, or FTTx.



PRODUCT #	KEY FEATURES
 <p>SWIFT KF4AV ACTIVE CLADDING ALIGNMENT 38,000 Arc Electrode Life</p> 	<p>The Swift All-in-One KF4AV is a top-tier 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 sleeving. It also ensures optimum optical functionality, and eliminates the extra time and expenses used to correct errors.</p>
 <p>SWIFT KF4A ACTIVE CLADDING ALIGNMENT 38,000 Arc Electrode Life</p> 	<p>The Swift KF4A is a highly advanced active cladding alignment fusion splicer, designed to perform the major 5 multifunctional features systematically. Best fit for fusion splicing and Fusion Splice-On Connectors (FSOC) of FTTx network applications, the KF4A eliminates fatal issues common with conventional mechanical connectors including low quality, weak durability and high maintenance costs.</p>
 <p>SWIFT KF4 ACTIVE CLADDING ALIGNMENT 38,000 Arc Electrode Life</p> 	<p>The Swift KF4 is a versatile and extremely accurate active cladding alignment fusion splicer that satisfies every splicing requirement. Slim, yet rugged and extremely light, the KF4 assures users of convenience and effortless termination. All with the ability to provide high performance connections at a budget friendly price.</p>
 <p>SWIFT K33 CORE ALIGNMENT SPLICER 33,000 Arc Electrode Life</p> 	<p>The SWIFT K33 core alignment splicer features the lowest splice loss, improved productivity with its dual heater, and a powerful lithium polymer battery</p>
 <p>SWIFT K33A CORE ALIGNMENT SPLICER 33,000 Arc Electrode Life</p> 	<p>The SWIFT K33A is an all-new, premium core alignment splicer outfitted with All-in-One fusion splicing technology that allows for stripping, cleaning, cleaving, splicing and protecting. The K33A's rotating blade allows up to 75,000 cleaves, it has an electrode life of up to 33,000, and features remote maintenance via the Internet.</p>
 <p>SWIFT KR12 RIBBON SPLICER</p> 	<p>The SWIFT KR12 ribbon splicer offers a wide 127mm (5.0in) color LCD monitor with electrostatic touch screen & bidirectional operation system, a powerful lithium polymer battery, and user friendly GUI.</p>
 <p>SWIFT KR12A RIBBON SPLICER</p> 	<p>The SWIFT KR12A is an all-new, premium ribbon splicer outfitted with All-in-One fusion splicing technology that allows for stripping, cleaning, cleaving, splicing and protecting. The KR12A's thermal stripping ensures no scratches on your fiber, its rotating blade allows up to 75,000 cleaves and is resistant to shock, dust and water.</p>

* All-in-One fusion splicers by Ilseintech are the most advanced fiber termination components on the market. Capable of performing all 5 splicing functions within a single unit the All-in-One provides installers a cost effective and time-saving alternative to traditional fusion splicers.

In the current age, the era of ubiquitous multimedia based on the Internet and mobile devices, there has been a tremendous explosion in bandwidth requirements for communication networks. Very high speed, long-distance, and voluminous data transfers have come to be accepted as the norm today. The need for high speed/quality access to the Internet has driven academic and commercial interests to grow and accelerate further developments for optical technologies.

PRODUCT

SWIFT Splice On Connectors



PART CONFIGURATION

- - -

Connector	Fiber Type	Polish*	Boot
LC	OM1: 62.5/125	UPC: Ultra Polish	09: 900µm
SC	OM2: 50/125	APC: Angle Polish	20/30: 2mm/3mm
ST	OM3: 50/125 10G		
FC	OM4: 50/125 40G SM: Singlemode		

E.g.: The part number for an ultra polish LC SM 900µm splice on connector is: LC-SM-UPC-09

* Polish: APC is not available in ST Connectors

G.657 Bend Insensitive Fiber options available. Contact Dallas for details.

MPO Splice On Connectors



12 - - -

Fiber Count	Connector	Polish*	Fiber Type
	P: Pin Type (Male) H: Hole Type (Female)	F: Flat Polish A: Angle Polish	OM1: 62.5/125 OM2: 50/125 OM3: 50/125 10G OM4: 50/125 40G OS1: Indoor SM OS2: Outdoor SM SM: Singlemode <small>(if OS1/OS2 specification is not required)</small>

E.g.: The part number for a 12 fiber SM Angle Polish Female MPO is: 12HASM

* Polish: APC is not available in MM version

KEY FEATURES

- Low insertion loss, high return loss
- Small, light, high density connection
- Standard exact plastic material
- High credibility and stability

Fiber Optic Patch Cords AND PIGTAIL ASSEMBLIES



MPO Cable Assemblies



- Push-Pull Easy Connection
- Low insertion loss and high return loss
- IEC61754-7, TIA FOCIS5/604-5, TIA-568-C.3 compliant

FIBER CLEAVERS | Accurate Cleaves Essential for Fiber Optic Fusion Splicing

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

PRODUCT #	KEY FEATURES
 <p data-bbox="397 514 641 598">CI-03B</p> 	<ul data-bbox="662 474 1541 632" style="list-style-type: none">• Long life cycle with its stability by adopting double slide bearing system.• Oil Damper System• Single Action (Full Automatic) for cleaving & collecting fiber chips• High Precision Blade with 16 cleave channels
 <p data-bbox="397 909 641 993">CS-01BT</p> 	<ul data-bbox="662 869 1541 1068" style="list-style-type: none">• Auto-Rotating Blade• Long life cycle with its stability by adopting double slide bearing system.• Oil Damper System• Single Action (Full Automatic) for cleaving & collecting fiber chips• 75,000 Cleaves Per Blade
 <p data-bbox="397 1354 641 1438">CI-03RT</p> 	<ul data-bbox="662 1314 1541 1472" style="list-style-type: none">• Auto-Rotating Blade• Single Action (Full Automatic) for cleaving & collecting fiber chips• Oil Damper System• 75,000 Cleaves Per Blade
 <p data-bbox="397 1791 641 1875">CI-01</p> 	<ul data-bbox="662 1780 1541 1896" style="list-style-type: none">• Stable Operation by Step-Action Process• Compact Design• High Precision Blade with 16 Cleave channel

PREPARATION TOOLS | Tools to Clean and Strip for Accurate Fiber Optic Splices

Ilseintech's line of preparation tools for cleaning and stripping fiber optic fusion splices is unmatched. Our Ultra Sonic Cleaner rapidly cleans the fiber in preparation for splicing with minimal touch interference that is residue-free. Additionally, our line of fiber optic strippers are designed to strip various types of fiber and can even strip fiber in the middle of the cable.

PRODUCT #	KEY FEATURES
 <p>CK-01 CLEANING KIT</p>	<ul style="list-style-type: none"> • Used for maintenance and cleaning of Ilseintech splicers • Ilseintech recommends regular cleaning to ensure correct performance • Non-alcohol cleaning solution allows air shipment with no restrictions
 <p>CK-02 CONNECTOR CLEANING KIT</p>	<ul style="list-style-type: none"> • Used for maintenance and cleaning of Ilseintech splicers • Non-alcohol cleaning solution allows air shipment with no restrictions • Includes an IBC (In Bulkhead Cleaner) that cleans out-of-reach connectors inside the adapter bulkhead
 <p>Auto Stripper</p>	<ul style="list-style-type: none"> • High Quality • High Productivity • More Convenience
 <p>Multipack-F</p>	<p>Designed to assemble Swift fusion SOC with any splicer as well as other fusion splicers. 4 functions, stripping, cleaning, cleaving and sleeving, are in this single unit.</p>
 <p>Ribbon Stripper</p>	<p>Designed to strip the coating of fiber ribbon up to 12 fibers.</p>

FIBER HOLDERS | To Assist Precise Fusion Splices



Fiber Holders

- Variable fiber holders for single, ribbon fiber, SOC and etc.
- Compatible with fusion splicer, cleaver, multipack and etc.

Splicers	900um Fiber	250um Fiber	2-3mm Fiber	Loose Tube Fibers	SC (and FC) FSOC	LC FSOC	ST FSOC
Swift KF4/KF4A	HS-900	HS-250	HS-2.5	HS-LS-900L	KF4-SC	KF4-ILC	KF4-ST
Swift K33/K33A	HS-900	HS-250	HS-2.5	HS-LS-900L	KF4-SC	KF4-ILC	KF4-ST
Swift S5	HS-900	HS-250	HS-2.5	HS-LS-900L	HS-SC	HS-ILC	HS-ST
Swift K11	HS-900	HS-250	HS-2.5	HS-LS-900L	HS-SC	HS-ILC	HS-ST

Call for additional information about our R5 and KR7 Ribbon Splicer Holders.

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