

# SPECIFICATIONS

Subject	Description
Fiber alignment	Fixed V-Groove (Clad to Clad)
Applicable type of fibers	0.25mm, 0.9mm, 2.0mm, 3.0mm, Indoor cable
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 125 $\mu$ m / Coating diameter: 250, 900 $\mu$ m
Fiber setting and cleaved length	7.0mm
Splicing modes	Splice mode: 100, Heater mode:50
Typical Splice Loss	SM: 0.03dB, MM: 0.02dB, DS: 0.06dB, NZDS: 0.06dB
Return loss	> 60dB
Splicing Time	Typical 7sec
Splice loss estimate	Available
Sleeve heating time	20sec(0.9mm fiber), 70sec(Indoor, 3.0mm cable)
Applicable protection sleeve	60mm(fiber), 28 or 32mm(connector)
Storage of splice result	The last 2,000 results to be stored in the internal memory.
Tension test	1.96N
Operating condition	Altitude: 0~3,660m above sea level, Temperature: -10 $^{\circ}$ C~50 $^{\circ}$ C, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40 $^{\circ}$ C~80 $^{\circ}$ C, Humidity: 0~95%
Dimensions	140(W) $\times$ 184(L) $\times$ 87(H)mm(Include rubber)
Weight	1.2kg(Include rubber, battery 2ea)
Viewing method and display	Two CMOS cameras and 3.5" color LCD monitor
Fiber view and magnification	X/Y : 170X/190X
Power supply	DC Lithium polymer battery(DC 14.8V, 1400mAh), 100 ~ 240V AC Adapter
No.of splice cycles with battery	Typical 140 cycles (0.9mm fiber)
Electrode life	More than 2,000 times splicing without exchange
Terminals	USB, External power(DC 12V Available for car cigar jack)

## STANDARD PACKAGE

Description	Model	Q'ty
Arc Fusion Splicer	F3	1
AC Adapter	F1-1	1
Battery Charger	F1-2	1
Spare Electrodes	EI-19	2
Battery Pack	F1-B	1set
Cooling Tray	CT-02	1
Sleeving Clamp	SC-01	1
Manual Stripper	MS-01	1
Holder	HF-?	Option1set(2EA)
Tool Box		1
User Manual		1
Carrying Case	Soft case	1

## OPTION PACKAGE

Description	Model	
Battery Pack	F1-B	
Fiber Cleaver	CF-01A, CF-03A	
Cleaver Blade	BI-05	
DC Adapter	ISFB-02	
Electrode	EI-19	
Fiber Holder	HF-250, HF-900, HF-2.5, HF-IN HF-SC, HF-FC, HF-LC, HF-ST, LF-900	
Sleeve	S09-C	0.9mm Connector, 1.0 $\times$ 2.3 $\times$ 28mm
	S09	9mm Cable, 1.0 $\times$ 2.3 $\times$ 45mm
	S30-C	3.0mm. Indoor Connector, 3.5 $\times$ 4.0 $\times$ 32mm
	S30	3.0mm. Indoor Connector, 3.5 $\times$ 4.0 $\times$ 45mm
Working Table	WK-02(Soft Bag)	
SOC Connector	SC, LC, FC, ST Refer to SOC Catalog	

Headquarter : #703 Gwanpyung-dong Yu-sung-gu Daejeon, Korea  
(Korea) Tel : +82 42 671 5609 Fax : +82 42 671 5612

America branch : 4230 LBJ Freeway Suite 235 C Dallas Texas 75244, USA  
(Dallas) Tel : +1 972 556 0916 Fax : +1 972 910 8384

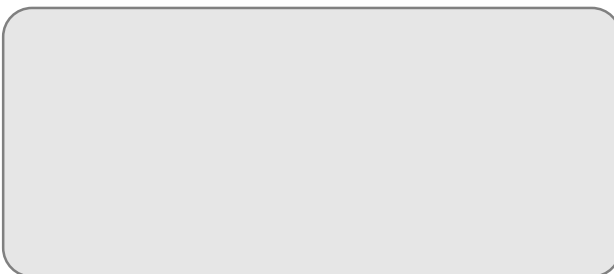
Europe branch : Zirovnicka 2/2389 106 00 Praha 10, Czech  
(Czech) Tel : +420 604 758 634

India branch : A-26/4 Mohan Cooperative Estate Mathura Road Delhi, India  
(Delhi) Tel : +91 11 4055 5954, +91 11 4056 7229

China branch : E3-11F Juneyao International Plaza NO789 Zhaojabang Rd,  
(Shanghai) Shanghai 200032, China  
Tel : +86 21 5836 0950, +86 21 6404 1375 Fax : +86 21 5836 0951

Russia branch : Kolomenskiy proezd 14, 6th floor, office 15, Moscow, Russian Federation,  
(Moscow) Tel/Fax : +7 (495) 787-8443

Brazil : Korea Business Development Center - Sao Paulo  
(Sao Paulo) Alameda Santos, 1827 Conj 82 CEP 01506-000, Sao Paulo SP, Brazil



**ILSINTECH Co., Ltd. www.ilsintech.com**

# FTTH Smallest Fusion Splicer

RoHS

## *Swift-F3* Economical Price



### Features

- Applicable for SOC(splicer on connector)
- Resistant to Shock, Dust, Rain
- Smallest, Lightest, Fastest
- Efficient Two Heater System

# Benefits and Features

# Swift-F3



## Smallest, Lightest, Fastest

Best One of Among Existing Fixed V-grooved Fusion Splicers

- Size : 140(W)×179(L)×87(H) mm
- Weight : 1.2 Kg (Include Rubber, Battery 2ea)
- Speed : 7 Sec
- Heating : 20 Sec (0.9mm×45mm)

## Adoption of Two Heaters

Simultaneous heaters increases efficiency by up to 30%

## Resistance to Shock, Dust, Rain

High Quality Fusion Splicer Works Steadily in Harsh Environment

## STANDARD PACKAGE



## OPTIONS PACKAGE



# Swift-F3

## Splicer on Connectors

- SC connector
  - FC connector
  - LC connector
  - ST connector
- Fusion splicing after Stripping, Cleaning, Cleaving with Connector installed to Specific Holder

Applicable Swift Connector for other Fusion Splicer by using Universal Holder

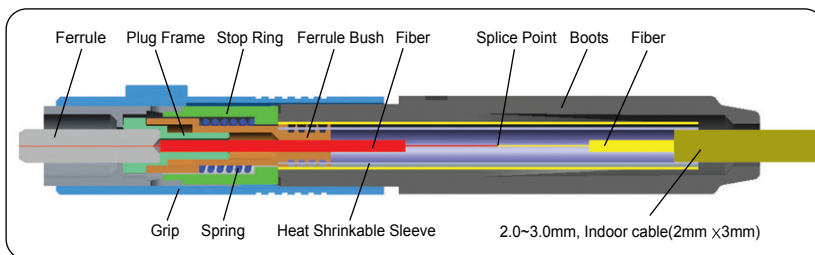
## General Fusion Splicing

Applicable Cable

- 0.25mm, 0.9mm, 2mm, 3mm, Indoor
- installed Fiber Holder to Fusion Splicer.

## Specific Feature of SOC Connector

No Trouble in any case due to Putting Splicing Point inside Connector



## Examples



Form Premyse Enclosure



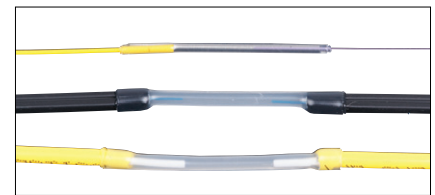
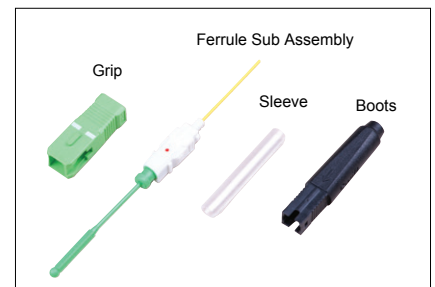
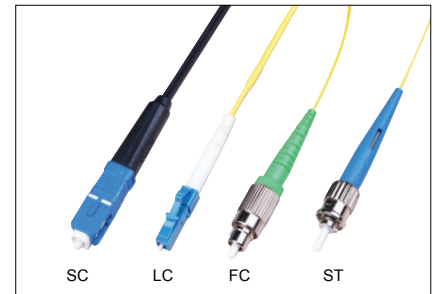
On a Telephone Pole



In a Bucket Truck

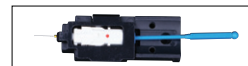
## Benefits and Features

Compatible for SOC Connector  
Telcordia-GR-326 Compatible



## Type of Fiber Holder

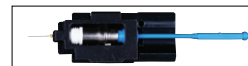
SC connector holder



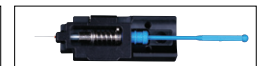
LC connector holder



FC connector holder



ST connector holder



0.9mm fiber holder



3.0mm cable holder



Indoor cable holder

