ILSINTECH
HIGH PRECISION TECHNOLOGY

SWIFT F1+

Clad to Clad: Fixed V-groove

Optimized
FTTH Fusion Splicer

ALLINONE+

Benefits and Features

- Remote Maintenance via Internet

- Integrated 7 Function in One Unit
  (Stripping, Cleaning, Cleaving, Splicing, Protecting,
  Power Meter and Visual Fault Locator)

- Built-in Power Meter and Fault Locator
  (PCT/KR2013/001243) -option

- Compatible with Fusion Splice-On Connector(SOC)
  in accordance with the Industrial Standard
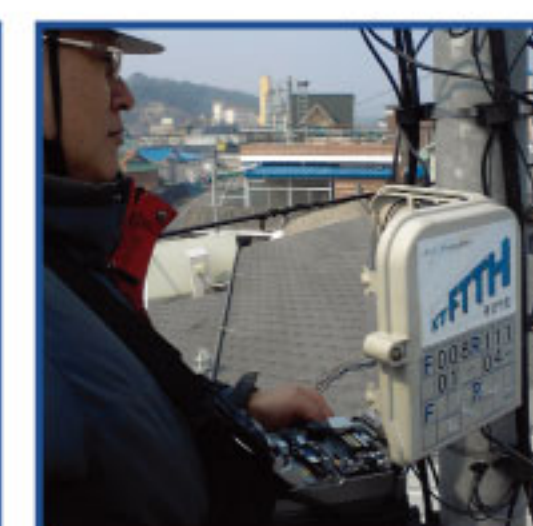
Stripping
(No Cracks on Fiber)

Cleaning

Cleaving

Power Meter and Fault Locator

SOC/Pigtail

On a Telephone pole

ILSINTECH
HIGH PRECISION TECHNOLOGY

Specification

CATEGORY	DESCRIPTION
Fiber alignment	Fixed V-Groove(Clad to Clad)
Applicable type of fibers	0.25mm, 0.9mm, 2.0mm, 3.0mm, 4.0mm Indoor cable
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 125㎛, Coating diameter: 250, 900㎛
Fiber setting and cleaved length	7.0mm
Splicing modes	Splice mode: 100, Heat mode: 50
Typical splice Loss	SM: 0.03dB, MM: 0.02dB, DS: 0.06dB, NZDS: 0.06dB
Return loss	> 60dB
Splicing time	Typical 7sec (Standard SM, SM-SM mode)
Splice loss estimate	Available
Sleeve heating time	30sec(0.9mm fiber), 70sec(indoor, 3.0mm cable), 80sec(Connector)
Applicable protection sleeve	40mm, 60mm, 32mm or 28mm Connector
Storage of splice result	The last 2,000 results to be stored in the internal memory.
Tension test	1.96N
Operating condition	Altitude: 0~5,000m above sea level, Temperature: -10℃~50℃, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40℃~80℃, Humidity: 0~95%
Dimension	136(W) x 203(L) x 86(H)mm (Without rubber protector)
Weight	1.35kg(Including battery 1.65kg)
Viewing method and display	Two CMOS cameras and 3.5-inch color LCD monitor
Fiber view and magnification	X/Y : 170X/190X
Power supply	DC Lithium polymer battery(DC 14.8V, 1650mAh x 2), 100 ~ 240V AC Adapter
No. of splice cycles with battery	Typical 120 cycles
Electrode life	More than 2,500 times
Terminals	USB

Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	F1	1
Optical Power Module	-	1 pair
AC Adapter	F1-1	1
Battery Charger	F1-2	1
Spare Electrode	EI-19	1 pair
Battery Pack	F1-B	2
Cooling Tray	CT-01(40mm)	1
Sleeving Clamp	SC-01	1
Holder	HF Series	1 pair
Tool Box	-	1
User Guide CD	-	1
Carrying Case	Hard Case	1

Option Package

CATEGORY	MODEL
Battery Pack	F1-B
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, S09, S30-C, S30
Work Table	WK-01(Soft Bag)
SOC Connector	SC, LC, FC, ST(Refer to FTTx Solution catalogue)

* Design and specifications are subject to change without notice.