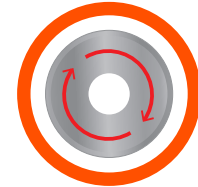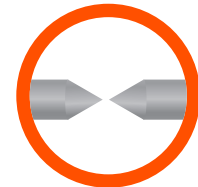# KF4A

Active V-Groove Alignment

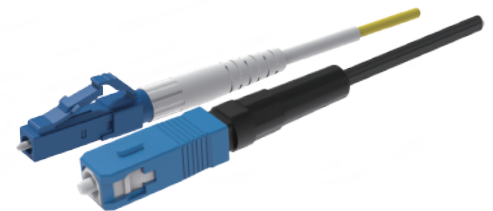**ROTATING BLADE LIFE**
Up to **75,000** fibers

ELECTRODE LIFE
Up to **21,000**

ALLIN**ONE**

FUSION Splice-On Connectors

Benefits and Features

- Remote Maintenance via Internet

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

- The fusion splicer with All-In-One™ system provides
  the best workability on the pole and also in the limited
  work space.

- No scratches on fiber by the thermal stripper

- Compatible with Connectors(FSOCs) in accordance
  with the Industrial Standard

- Broadband and FTTH network applications

| STRIPPING | CLEAVING | CLEANING | WORK BELT | WORK BELT On a Telephone pole |

Discover the difference, Unlike any other!

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Specifications

CATEGORY	DESCRIPTION
Fiber alignment	IPAAS Clad to Clad Alignment
Applicable Types	0.25mm, 0.9mm, 2.0mm, 3.0mm Indoor cable
Fiber count	Single fiber
Applicable Sizes	Cladding diameter : 125μm, Coating diameter : 150μm~3mm
Fiber setting and cleaved length	5mm to 16mm
Splicing modes	Splice mode: 300, Heat mode: 100
Typical splice Losses	SM: 0.02dB, MM: 0.01dB, DS:0.04dB, NZDS: 0.04dB
Return loss	> 60dB
Splicing time	Typical 7sec with SM
Splice loss estimation	Available
Sleeve heating time	Typical 13sec, IS-60 mode with IS-60 sleeve
Applicable protection sleeves	60mm, 40mm and micro sleeves
Storage of splice results	Data : Up to 5,000ea (Image : Up to 5,000pcs)
Tension test(Tensile load)	1.96N to 2.25N
Operating conditions	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 conditions	Temperature: -40℃~80℃, Humidity: 0~95%
Dimensions	132(W) x 212(L) x 73(H)mm (Without rubber protector)
Weight	1.5kg(Including battery)
Viewing method and display	2 AXIS Two CMOS cameras with 4.3-inch color LCD monitor
Fiber view and magnification	X/Y : 110X , Max :220X
Power supply	Li-ion Battery(DC 14.8V, 3400mAh), 100 ~ 240V AC Charger
No. of splice/heating per battery full charge	Typical 200 cycles
Electrode lifetime	21,000 splices
Blade lifetime*	75,000 fibers
Terminal	USB

*Blade lifetime is not guaranteed. It may vary depending on the operating environment.

Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	SWIFT KF4A	1
Battery	KF-3400	1
Battery Adapter	FY1701000	1
Instructions for use	-	1
Spare electrodes	EI-24	1pair
Transporting Case	HC-11(Hard Case)	1
Optical fiber holders	-	1pair
Cooling Tray	CT-01(40mm)	1
Screw Driver	LD-3300	1
USB Cable	-	1

Option Package

CATEGORY	MODEL
Battery	KF-3400
Cleaver Blade	BI-07
Electrode	EI-24
Transporting Case	ILST-SS03(L)(Soft Case)
Work Belt	WB-01
Applicable Sleeves	S09-C, S09, S30-C, S30
Sleeve clamp	SC-01
Applicable SOCs	SC, LC, FC, ST(Refer to FTTx Solution catalogue)
Manual Stripper	CF-02
External Power	DC 12V Available for car cigar jack
Optical fiber holders	HS-250, HS-900, HS-2.5F, HS-IN, LS-900(Loose) HF4-SC/FC, HF4-ST, HF4-ILC(choose one)
Optical Power Module (Optical power meter + VFL)	

*Design, standard/optional package and specification shown above are subject to change with or without notice.

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