

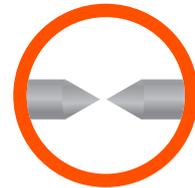


KF4A

Active V-Groove Alignment



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



ELECTRODE LIFE
Up to **21,000**

ALLINONE



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!

www.ilsintech.com

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 : 125 μ m, Coating diameter : 150 μ m~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 $^{\circ}$ C~50 $^{\circ}$ C, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage conditions	Temperature: -40 $^{\circ}$ C~80 $^{\circ}$ C, 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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