KF4A

## Active V-Groove Alignment

BENEFITS AND FEATURES

- Remote maintenance via Internet

- Integrated 5 function in one unit (stripping, cleaning, cleaving, splicing, protecting)

- 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 thermal stripping

- Compatible with Fusion Splice-On Connector (SOC) in accordance with the Industrial Standard

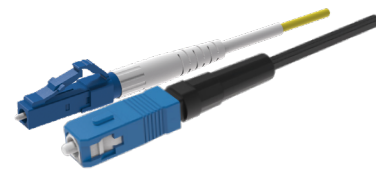- Ideal for Enterprise, Data Center Broadband and FTTH network application

KF4A
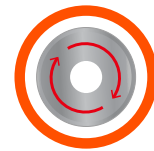
ROTATING BLADE LIFE
Up to **75,000**
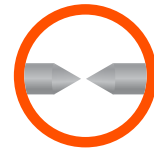
ELECTRODE LIFE
Up to **21,000**

FUSION Splice-On Connectors

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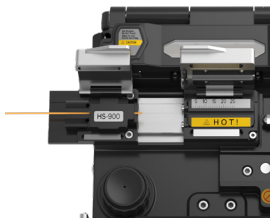
| STRIPPING | CLEAVING | CLEANING | WORK BELT | WORK BELT On a Telephone pole |

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SPECIFICATION

CATEGORY	DESCRIPTION
Fiber alignment	IPAAS Clad to Clad Alignment
Applicable type of fibers	0.25mm, 0.9mm, 2.0mm, 3.0mm Indoor cable
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter : 125μm, Coating diameter : 150μm~3mm
Fiber setting and cleaved length	0.20in to 0.63in
Splicing modes	Splice mode: 300, Heat mode: 100
Typical splice Loss	SM: 0.02dB, MM: 0.01dB, DS:0.04dB, NZDS: 0.04dB
Return loss	> 60dB
Splicing time	Typical 7sec with SM
Splice loss estimate	Available
Sleeve heating time	Typical 13sec with IS-60 mode, IS-60 sleeve
Applicable protection sleeve	2.4in, 1.5in and micro sleeves
Storage of splice result	Data : 5,000ea Up to, Image : 5,000ea Up to
Tension test	1.96N to 2.25N
Operating condition	Altitude: 0~5,000m above sea level, Temperature: -14℉~122℉, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: 40℉~176℉, Humidity: 0~95%
Dimension	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 cycles with battery	Typical 200 cycles
Electrode life	21,000 splices
Blade life	75,000
Terminals	USB

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 electrode	EI-24	1pair
Transporting Case	HC-11(Hard Case)	1
Optical fiber holder	-	1pair
Cooling Tray	CT-01(1.5in)	1
Allen wrench	LD-3300	1
USB Cable	-	1
Hard Brush	-	1
Soft Brush	-	1
Tool Box	-	1
Tweezer	-	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
Sleeve	S09-C, S09, S30-C, S30
Sleeve clamp	SC-01
SOC connector	SC, LC, FC, ST(Refer to FTTx Solution catalogue)
Manual Stripper	CF-02
External Power	DC 12V Available for car cigar jack
Optical fiber holder	HS-250, HS-900, HS-2.5, HS-IN, HF4-SC/FC, HF4-ST, HF4-ILC, LS-900(choose one)