

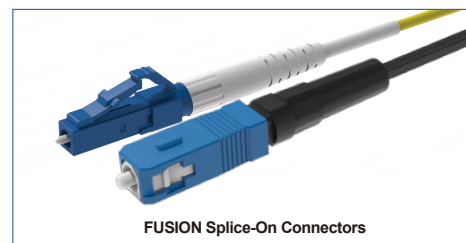
# KF4

## Active V-Groove Alignment

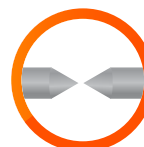
### BENEFITS AND FEATURES

- Remote Maintenance via Internet
- Ideal for Enterprise, Data Center, Broadband and FTTH network application
- Versatility MAXIMUM  
Active V-Groove Alignment / Metro, Access Network and FTTH & Universal Fiber Holders
- Size & Weight MINIMUM  
World's Most Compact Active V-Groove Fusion Splicer
- Economy OPTIMUM  
The best quality, budget priced - Make your every penny count!
- Compatible with Fusion Splice-On Connector (SOC) in accordance with the Industrial Standard

**KF4**



FUSION Splice-On Connectors



**ELECTRODE LIFE**  
Up to **21,000**



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



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## SPECIFICATION

CATEGORY	DESCRIPTION
Fiber alignment	IPAAS, Active V-Groove Alignment
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 : 150 $\mu$ m~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°F~122°F, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: 40°F~176°F, Humidity: 0~95%
Dimension	4.9(W) x 7.4(L) x 3.0(H)in (Without rubber protector)
Weight	5.3lb(Including battery)
Viewing method and display	2 AXIS Two CMOS cameras with 4.3-inch color LCD monitor
Fiber view and magnification	X/Y : 130X , Max :260X
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 KF4	1
Battery	KF-3400	1
Battery Adapter	FY1701000	1
Instructions for use	-	1
Spare electrode	EI-24	1pair
Transporting Case	Hard Case	1
Cooling Tray	CT-01(1.5in)	1
Screw Driver	LD-3300	1
USB Cable	-	1
Cleaver	CS-01BT	1
Manual Stripper	CF-02	1
Alcohol Dispenser	PP	1

## OPTION PACKAGE

CATEGORY	MODEL
Battery	KF-3400
Cleaver Blade	BI-07
Electrode	EI-24
Transporting Case	HC-11(Hard Case)
Work Belt	WB-01
Work Table	WK-02
Sleeve	S09-C, S09, S30-C, S30
Sleeve clamp	SC-01
SOC connector	SC, LC, FC, ST(Refer to FTTx Solution catalogue)
Alcohol Dispenser	POM
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)