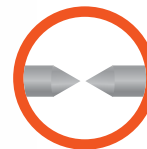# KF4
Active V-Groove Alignment

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 every penny count

- Compatible with Fusion Splice-On Connector (FSOC) in accordance with the industrial standard

KF4

Fusion Splice-On Connectors

ELECTRODE LIFE
Up to **38,000**

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

America
ILSINTECH SWIFT
A UCL SWIFT COMPANY

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Office: 972.556.0916 | Fax: 972.910.8384

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SPECIFICATION

CATEGORY	DESCRIPTION
Fiber alignment	IPAAS, Active V-Groove Alignment
Applicable type of fibers	SM (G.652); MM (G.651); DS (G.653); NZDS (G.655); SM (G.657 A2/B2); SM (G.657 B3)
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 125μm; Coating diameter: 150μm~3mm
Fiber setting and cleaved length	7mm to 16mm
Splicing modes	Splice mode: 300; Heat mode: 100
Typical splice Loss	SM: 0.03dB; MM: 0.01dB; DS:0.05dB; NZDS: 0.05dB
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	40mm (2.4in); 60mm (1.5in) micro sleeves
Storage of splice result	Data: up to 5,000ea; Image: up to 5,000ea
Tension test	1.96N to 2.25N
Operating condition	Altitude: 0~5,000m above sea level; Temperature: -10˚C~50˚C (-14˚F~122˚F); Humidity: 0~95%; Wind: 15m/s; non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40˚C~80˚C (40˚F~176˚F); Humidity: 0~95%
Dimension	124(W) x 189(L) x 75(H)mm (Without rubber protector)
Weight	1.1kg (Including battery)
Viewing method and display	2 AXIS Two CMOS cameras with 109mm (4.3in) 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	Up to 38,000 splices
Blade life	Up to 75,000 fibers
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	1 pair
Transporting case	Hard Case	1
Cooling tray	CT-01 40mm (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)