

# KF4

## Active V-Groove Alignment



### Features

- Versatile Maximum
  - Active Clad Alignment
  - Metro, Access Network
  - FTTH with Universal Fiber Holder
- Size and Weight MINIMUM  
World's Most Compact Active Clad Alignment Fusion Splicer
- Economy OPTIMUM  
The best quality, budget priced  
Make your every penny count!
- Compatible with Fusion Splice-On Connector(FSOC) in accordance with the industrial standard.

### Patented

CI-01



Blade Life

Up to **50,000** fibers

### Optional



Fusion Splice-On Connector(FSOC)

### Patented



Electrode Life

Up to **38,000** splices

## Specifications

CATEGORY	DESCRIPTION
Fiber alignment	Active Clad Alignment
Applicable fibers	SM(G.652), MM(G.651), DS(G.653), NZDS(G.655), SM(G.657 A1, A2/B2, B3)
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 125µm, Coating diameter: 150µm~3mm
Fiber cleave length	7mm to 16mm
Splicing modes	Splice mode: 300, Heat mode: 100
Average splice Loss	SM: 0.03dB, MM: 0.01dB, DS:0.05dB, NZDS: 0.05dB
Return loss	> 60dB
Splicing time	Typical 7 sec with SM
Splice loss estimate	Available
Sleeve heating time	Typical 13 sec with IS-60 mode, IS-60 sleeve
Applicable protection sleeve	60mm, 40mm and micro sleeves
Storage of splice result	Data : Up to 5,000ea, Image : Up to 5,000ea
Tension test	1.96N to 2.25N
Operating conditions	Altitude: 0~5,000m above sea level, Temperature: -10°C~50°C, Humidity: 0~95%, Wind: 15m/s, Non-condensing, Dust proof, Water proof, Shock proof
Storage conditions	Temperature: -40°C~80°C, Humidity: 0~95%
Dimensions	124(W) x 189(L) x 75(H)mm (Excluding bumper)
Weight	1.1kg (Including battery)
Viewing method and display	Two AXIS CMOS cameras with 4.3-inch color LCD monitor
Fiber view and magnification	X/Y 130X, Max 260X
Power supply	100~240V AC
Battery life with heat-shrink	Typical 220 cycles with 3,400mAh
Electrode life	Up to 38,000 splices
Terminals	USB

## Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	SWIFT KF4	1
User guide	Download from UCLSwift Website	
Cooling Tray	-	1
Transporting Case	Soft Case	1
Battery	3400mAh	1
Battery Charger	100-240V	1
Cleaver	CI-01	1
Manual stripper	CF-02	1
Alcohol dispenser	PP	1
USB Cable	-	1

## Optional Package

CATEGORY	MODEL
Battery	3400mAh
Cleaver Blade	BI-05
Electrode	EI-24
External Power	DC 12V available for car cigar jack
Sleeve	S09-C, S09, S30-C, S30
Sleeve Clamp	-
Optical Fiber Holder	HS-250, HS-900, HS-2.5F, HS-IN, LS-900(Loose tube) HF4-SC/FC, HF4-ST, HF4-ILC(choose one)
SOC Connector	SC, LC, FC, ST (refer to FTTx solution catalogue)
Transporting Case	Hard Case
Work Belt	WB-01
Work Table	WK-02
Cleaver	CS-01BT

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