

## KF4



Swift KF4 is a very versatile and extremely accurate ACTIVE cladding alignment fusion splicer that satisfies every splicing requirement. Slim, yet rugged and extremely light, the Swift KF4 assures users of convenience and effortless termination. All with the ability to provide high-performance connectors at a budget-friendly price.



### Features and Benefits

- Size & Weight Minimum
- Economy Optimum
- Compatible with Fusion Splice -On-Connector(FSOC) in accordance with the industrial standard

### Features

- Versatile Maximum
- Active Clad Alignment
- Metro, Access Network
- FTTH with Universal Fiber Holder

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

### Patented



Electrode Life

Up to **38,000** splices

### Optional



Fusion Splice-On Connector(FSOC)

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
USBCable	-	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