## 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
- Size and Weight MINIMUM

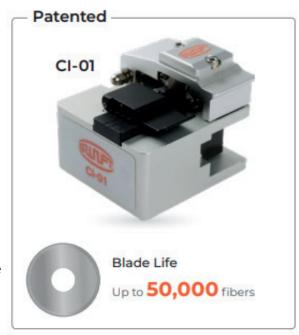
World's Most Compact Active Clad Alignment Fusion Splicer

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.









## KF4



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 UCLS Website	wift	
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	
Clever Blade	BI-05	
Electrode	El-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	

