



KF4A

Active V-Groove Alignment Splicer

★★★★★
PREMIUM
FUSION SPLICER
★★★★★

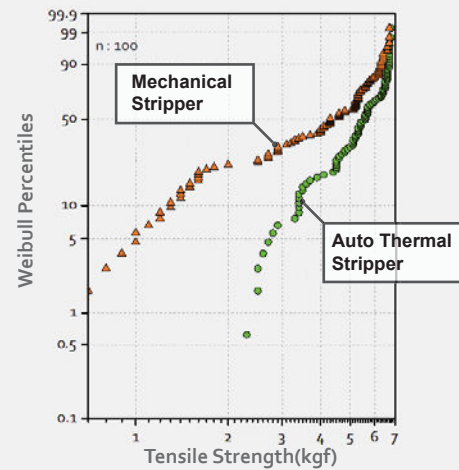
ALLINONE



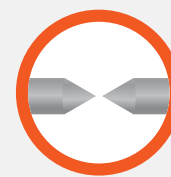
PATENTED

ATS Tensile strength

※ Telcordia Standard 1.7kgf more



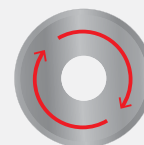
PATENTED



Electrode Life

Up to **38,000** splices

PATENTED



Rotating Blade Life

Up to **75,000** fibers

Benefits and Features

- Remote maintenance via Internet.
- Integrated 7 functions in one unit. (Stripping, Cleaning, Cleaving, Splicing, Protecting) + (Built-in Power meter/Fault Locator-OPTION)
- The fusion splicer with ALL-IN-ONE system provides the best workability on the pole and also in the limited work space.
- No scratches on fiber by thermal stripping. (Extended tensile of fiber strength by 2kgf more)
- Compatible with Fusion Splice-On Connector(FSOC) in accordance with the industrial standard.
- Ideas for Enterprise, Data Center, Broadband and FTTH network applications.



Fusion Splice-On Connector



Work Belt



Work Belt on the telephone pole

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 A2/B2), SM(G.657 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	132(W) x 212(L) x 73(H)mm (Without Rubber Protector)
Weight	1.5kg (Excluding bumper)
Viewing method and display	Two AXIS CMOS cameras and 3.5-inch color LCD monitor
Fiber view and magnification	X/Y 110X, Max 220X
Power supply	100~240V AC
Battery life with heat-shrink	Typical 200 cycles (3400mAh)
Electrode life	Up to 38,000 splices
Terminals	USB
Cleaver	CF-07FT
Cleaver blade life*	Up to 75,000 fibers

* Blade life may be changed under the condition of working environment.

Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	SWIFT KF4A	1
User guide CD	-	1
Cooling Tray	-	1
Transporting Case	HC-11 (Hard Case)	1
Battery	3400mAh	1
Battery Charger	100-240V	1
Fiber Holder	-	1 pair
USB Cable	-	1

Optional Package

CATEGORY	MODEL
Battery	3400mAh
Cleaver Blade	BI-07
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	ILST-SS03 (L) (soft case)
Work Belt	WB-01
Optical Module	Optical Power Module (Optical power meter+VFL)

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

UCLSWIFT KOREA

#39, Techno 3-ro, Yuseong-gu, Daejeon, Korea (Zip. 305-509) | Tel +82 42.671.5610 | Fax +82 42.671.5612 | sales@uclswift.com

USA America ilsintech LLC., 4230 LBJ Freeway, Suite.149 Dallas, TX 75244, USA | (+1) 972 556 0916, info@americailsintech.com

INDIA Ilsintech Trading India Pvt.ltd, 302-303, Ashirwad Comercial Complex,D-1, Green Park, New Delhi 110016, India | (+91)11 4055 5954, ilsintech@ilsintechindia.com

CHINA ilsin Optical Communication Equipment Trade(Shanghai) Co.,Ltd.

Room 101 Li Ming Building, No111 Gui Qing Road Xuhui District, Shanghai, China, 200233 | (+86) 21 5836 0950, sh0923@uclswift.com

EUROPE UCL SWIFT Co.,Ltd, odštěpný závod, Zirovnicka 2/2389 10600 Praha 10, Czech Republic | (+420) 725 001 757, dean@uclswift.com

RUSSIA UCL RUS LLC., Moscow, 22nd km of Kiev highway, 4, Rummyantsevo Business Park, p. 4, block D, office 305 zip code : 108811, (+7) 495-169-00-29, (+7) 926-875-38-68, sales@uclrus.ru

INDONESIA FACTORY Dusun 02 Blok Babakan RT01/Rw03, Desa Sukaraja Wetan, Jatiwangi, Majalengka, Jawa Barat, Indonesia