UCL SWIFT
NORTH AMERICA

KF4A-HDC
PREMIUM
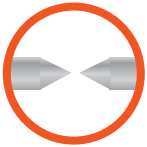FUSION SPLICER

Premium V-Groove Alignment Fusion Splicer

ALL-IN-ONE PRODUCT

ROTATING BLADE ALLOWS UP TO **77,000** CLEAVES

ELECTRODE LIFE UP TO **38,000** SPLICES

CHOOSE FROM 2 KITS:
KF4A-HDC-BB Kit for Broadband - FTTH applications
KF4A-HDC-ENT Kit for Enterprise - Data Center applications
*See Standard Packages on back for list of included items

-BB KIT IDEAL FOR OptiTap® CONNECTOR TERMINATIONS

BENEFITS AND FEATURES

Integrates 5 functions in one unit (stripping, cleaning, cleaving, splicing and protecting)

The fusion splicer with All-In-One system provides the best workability on a utility pole and in limited work spaces

No scratches on fiber by thermal stripping

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

Industry-leading 3-year warranty with 2 free check-ups

Choose the approrpiate kit (-BB or -ENT) for your application. Additional available holders enable splicing and termination of a wide range of cables. See back for details

OPTIONAL HOLDERS

4824-900
4.8mm-2.4mm flat drop cable holder for 900μm fiber

580-900
5.4mm~5.8mm round drop cable holder with 900μm jacket holder

500-900
5.0mm round drop cable holder with 900μm jacket holder

ROC-900*
ROC drop dielectric cable 5.4mm x 3mm cable, 900μm holder

SST-900L*
SST-drop outdoor dielectric cable holder 8.1mm x 4.5mm cable, 900μm holder

SST-250L
SST-drop outdoor dielectric cable holder 8.1mm x 4.5mm cable, 250μm holder

HS-IN
Drop dielectric cable holder 5mm x 2mm cable, 250μm holder

*These items are included in the HDCFT Accessory Kit

AVAILABLE INSTALL KITS FOR BROADBAND

Get an HDC Installation Kit to terminate our fusion splice-on OptiTap® connector to the drop cable of your choice.

Accessory kits required to install HDC Connector; Sold seperately from splicer

SPECIFICATIONS

CATEGORY	DESCRIPTION
Fiber alignment	IPAAS Clad to Clad Alignment
Applicable type of fibers	0.25mm; 0.9mm; 2.0mm; 3.0mm cable
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 125μm; Coating diameter 150μm-3mm
Fiber setting and cleaved length	7mm to 16mm (0.28 in to 0.63 in)
Splicing modes	Splice mode: 300; Heat mode: 100
Typical splice loss	SM: 0.02dB; MM: 0.01dB; DS: 0.04dB; NZDS: 0.04dB
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	40mm (1.5 in.) or 60mm (2.4 in.) micro sleeves
Storage of splice result	Data: up to 5,000 ea; Image: up to 5,000 ea
Tension test	1.96N to 2.25 N
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%
Dimensions	132(W) x 212(L) x 73(H) mm (excluding bumper)
Weight	1.5 kg (including battery)
Viewing method and display	Two CMOS cameras with 127mm (5.0 in.) color LCD monitor
Fiber view and magnification	X/Y: 110X; Max: 220X
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 77,000 splices
Terminals	USB

STANDARD PACKAGE*

CATEGORY	MODEL	*-BB	*-ENT
Arc Fusion Splicer	Swift KF4A-HDC	1	1
Drop Cable Snap Arm	–	1	–
Battery	KF-3400	1	1
Battery Adapter	100-240V	1	1
Spare Electrodes	EI-24	1 pair	1 pair
Transporting Case	–	1	1
Carrying Strap	–	1	1
Fiber Holder	KF4-SC/FC	1	1
Fiber Holder	KF4-ILC	–	1
Fiber Holders	HS-900	1 Pair	1 Pair
Fiber Holders	HS-250	1 Pair	–
Cooling Tray	CT-01 (40mm (1.5 in.))	1	1
Sleeve Clamp	–	1	1
USB Cable	–	1	1
Hard & Soft Brush	–	1	1
Allen Wrench	–	1	1
Tweezers	–	1	1

OPTIONAL ACCESSORIES

CATEGORY	MODEL
Battery	KF-3400
Cleaver blade	BI-07
Electrode	EI-24
Transporting case	ILST-SS03 (soft case)
Work belt	WB-01
Sleeve	S09-C, S09, S30-C, S30
SOC connector	SC, LC, FC, ST
Manual stripper	CF-02
External power	DC 12V (available for car cigar jack)
Optical fiber holder	4824-900, 500-900, 580-900, HS-2.5, HS-IN, KF4-ST, LS-900, HS-LS-900 (for 250 LT with furcation tubing), ROC-900, SST-900L, SST-250L

*Choose -BB package for broadband applications and -ENT for enterprise applications.
Design, standard/optional package and specification shown above are subject to change with or without notice.

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