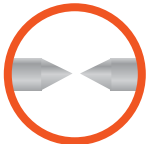




ALL-IN-ONE PRODUCT



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



**ELECTRODE LIFE**  
UP TO **18,000**



**BENEFITS AND FEATURES**

Remote maintenance via internet

The All-In-One system provides exceptional workability, integrating 5 functions in one unit (stripping, cleaning, cleaving, splicing and protecting)

No scratches on fiber by thermal stripping (extended tensile of fiber strength by 3kg more)

Wide 127mm (5.0in) color LCD monitor with electrostatic touch screen & bidirectional operating system

Powerful lithium polymer battery with large capacity: 6000mAh

Resistance to shock, dust and water

Compatible with Fusion Splice-On Connector (FSOC) in accordance with the industry standard



HDC FULLY COMPATIBLE OptiTap®  
STYLE HARDENED SOLUTION



**OPTIONAL HOLDERS**

**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

**UPGRADE OPTION**

The **HDCFT-KIT Accessory Kit\* (HDCFT-01)** includes all the tools necessary to prepare and terminate a UCL Swift HDCFT fusion splice-on connector onto both a flat 8.1mm X 4.5mm drop cable and a ROC® style drop cable. Optional holders are available for other cable types.

\* Accessory kit required to install HDC Connector; Sold separately from splicer kit

\*These items are included in the  
HDCFT Acc. Kit.



# SPECIFICATIONS

# K33A-HDC

CATEGORY	DESCRIPTION
Fiber alignment	IPAAS Core Alignment
Applicable type of fibers	SM (G. 652); MM (G.651); DS (G.653); NZDS (G.655); SM (G.657 A1, A2/B2, B3); SM (G.654 E)
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 80 ~ 150µm; Coating diameter 100µm-3mm
Fiber setting and cleaved length	250µm: 5mm to 16mm; 900µm: 8mm to 16mm
Splicing modes	Splice mode: 300; Heat mode: 100; Strip mode: 50
Typical splice loss	SM: 0.02dB; MM: 0.01dB; DS: 0.04dB; NZDS: 0.04dB
Return loss	>60dB
Splicing time	Typical 6 sec. (Quick mode)
Splice loss estimate	Available
Sleeve heating time	9 sec. (IS-45 sleeve, IS-45 mode); 13 sec. (IS-60 sleeve, IS-60 mode)
Applicable protection sleeve	40mm (2.4 in.) or 60mm (1.5 in.) fiber/ 28mm or 32mm
Storage of splice result	The last 10,000 results to be stored in the internal memory. (Image 10,000 results)
Tension test	2N/4.4N (Option)
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	136(W) x 215(L) x 137(H) mm (excluding bumper)
Weight	2.45 kg (including battery)
Viewing method and display	Two CMOS cameras with 127mm (5.0 in.) color LCD monitor with electrostatic touch screen
Fiber view and magnification	X/Y: 200X; Max: 400X
Power supply	100~240V AC
No. of splice cycles with battery	Typical 282 cycles (6000mAh)
Electrode life	Up to 18,000 splices
Blade life	Up to 77,000 splices
Terminals	USB, external power (DC 12V available for car cigar jack)



# STANDARD PACKAGE

CATEGORY	MODEL	Q'TY
Arc fusion splicer	SWIFT K33A	1
Battery	K3360 (6000mAh)	1
Battery adapter	100 ~ 240V	1
Instructions for use	-	1
Transporting case	EI-23	1 pair
Optical fiber holder	Hard case	1
Cooling Tray	-	1 pair
Allen wrench	CT-01 (40mm (1.5in.))	1
USB cable	LD-3300	1
Hard brush	-	1
Soft brush	-	1
Tool box	-	1
Tweezer	-	1



# OPTIONAL ACCESSORIES

CATEGORY	MODEL
Battery	K3360 (6000mAh)
Cleaver blade	BI-07
Electrode	EI-23
Transporting case	ILST-SS03
Work belt	WB-01
Sleeve	S-160 (60mm); S-140 (40mm)
Sleeve clamp	-
SOC connector	SC, LC, FC, ST
Manual stripper	CF-02
External power	DC 12V (available for car cigar jack)
Optical fiber holder	HS-250, HS-900, HS-2.5, HS-IN, HS-SC/FC, HS-ST-01, HS-ILC, LS-900 (choose one) - ROC-900, SST-900L, SST-250L

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