

K33



Swift K33 is the highly advanced and accurate IPAAS Core-to-Core alignment fusion splicer for Medium and long ranged optical networks, CATV networks, and FTTX networks. With a compact, light, ruggedized design and long life-span battery, it could deliver high precision performance. Furthermore, 5-inch monitor with a touch screen may provide users with more convenient and efficient workability.

Features and Benefits

- Wide 5.0 inch color LCD monitor with Electrostatic touch screen
- Resistance to Shock, Dust & Water
- LED lamp installed on the wind cover for the light condition

Patented



Electrode Life

Up to **18,000** splices

Patented



Rotating Blade Life

77,000 fibers + **33,000** fibers
(Adjust the blade height up to 0.12mm), Total **110,000** fibers



Features

- Wide 5.0 inch color LCD monitor with Electrostatic touch screen
- User friendly GUI.
- Powerful lithium polymer battery with large capacity.
- Lowev Splice Loss.
- Resistance to Shock, Dust and Water
- LED lamp installed on the wind cover for low light condition.

Specifications

CATEGORY	DESCRIPTION
Fiber alignment	IPAAS Core Alignment
Applicable 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 cleave length	250µm: 5~16mm, 900µm;8~16mm
Splicing modes	Splice mode: 300, Heat mode: 100
Average splice Loss	SM: 0.02dB, MM: 0.01dB, DS: 0.04dB, NZDS: 0.04dB
Return loss	> 60dB (Typical)
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	32mm, 40mm, 60mm (Fiber) / 28mm or 32mm (Connector)
Storage of splice result	The last 10,000 results to be stored in the internal memory. (Image 10,000 results)
Tension test	1.96N ~ 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	130(W) x 158(L) x 138(H)mm (Excluding rubber)
Weight	2.25kg (Including battery)
Viewing method and display	Two CMOS cameras and 5.0-inch color LCD monitor with Electrostatic touch screen
Fiber view and magnification	X/Y 200X, Max 670X
Power supply	100~240V
Battery life with heat-shrink	270 cycles with 4,700mAh & 350 cycles with 6,000mAh
Electrode life	Up to 18,000 splices
Terminals	USB, External power (DC 12V available for car cigar jack)

Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	SWIFT K33	1
User guide	Download from UCLSwift Website	
Transporting Case	Hard Case	1
Battery	4,700mAh	1
AC Adapter	-	1
Cleaver	CS-01BT	1
Manual stripper	CF-02	1
Alcohol dispenser	PP	1
Tool box	-	1
USB Cable	-	1
Sleeve Loader	-	2

Optional Package

CATEGORY	MODEL
Battery	6,000mAh
Cleaver Blade	BI-07
Electrode	EI-23
External Power	DC 12V available for car cigar jack
Sleeve	S-160 (60mm), S-140 (40mm)
Sleeve Clamp	-
Optical Fiber Holder	HS-250, HS-900, HS-2.5F, HS-IN, HS-SC/FC, HS-ILC, HS-ST, LS-900(Loose tube)
SOC Connector	SC, LC, FC, ST (refer to FTTx solution catalogue)
Work Belt	-
Wi-Fi Card	-
Cleaver	CS-01BT