

Fusion Splicer UCL Swift

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Variants

K33 S3 K9 K7 KF4A K11 S5 KF4

Details

UCL Swift Fusion Splicer

This fusion splicer features advanced IPAAS (Image Pattern Analysis Alignment System) technology for precise core alignment. Designed for FTTH, ISP, and field applications, it offers fast splicing, remote maintenance, and rugged performance.

Key Features

- Internet remote access maintenance
- IPAAS core alignment technology
- Compact, lightweight & fast operation
- Shock, dust & water resistant design
- 5-inch color LCD touchscreen
- Bidirectional operation system
- Sleeve loader for contamination protection
- Auto arc calibration
- Supports SOC (Splice-On Connector)

Technical Specifications

Parameter	Specification
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Fiber Alignment	IPAAS Core-to-Core Alignment (Image Pattern Analysis)
Applicable Fiber Types	0.25 mm, 0.9 mm, 2.0 mm, 3.0 mm, 4.0 mm indoor cables
Fiber Count	Single Fiber
Fiber Diameter	Cladding: 80–150 μ m Coating: 100 μ m – 4 mm
Cleave Length	7–16 mm
Splice Modes	Splice: 300 modes Heat: 100 modes
Typical Splice Loss	SM: 0.02 dB, MM: 0.01 dB, DS: 0.04 dB, NZDS: 0.04 dB
Return Loss	> 60 dB
Splicing Time	6 sec (Quick Mode)
Heating Time	9 sec (IS-45 sleeve) 13 sec (IS-60 sleeve)
Protection Sleeve	40 mm, 60 mm, 32 mm, 28 mm (SOC)
Storage Capacity	3,000 splice results + 3,000 images
Tension Test	1.96 – 2.25 N
Display	5-inch touchscreen with dual CMOS cameras
Magnification	X/Y: 200x, Max: 400x
Power Supply	14.8V 4000mAh battery + AC 100–240V adapter
Battery Capacity	Approx. 200 splice & heat cycles

Electrode Life	> 3500 arcs
Dimensions	143 x 163 x 140 mm
Weight	2.2 kg (with battery)

Standard Package

Item	Model	Qty
Fusion Splicer	SWIFT	1
Battery	K11-4000	1
AC Adapter	FJ-SW1803000	1
Spare Electrode	EI-23	Pair
Transport Case	Hard Case	1
Cooling Tray	CT-01	1