



Swift K11 FusionSplicer

Swift K11 is an advanced core alignment fusion splicer. Medium and long range optical circuit (LAN, CATV, FTTx) are support by world class splicing and sleeve heating times. It delivers high precision performance with extremely low loss.

K11 IPAAS Technology Core Alignment

The Swift K11 core alignment splicer is based on the IPAAS (Image Pattern Analysis Alignment System) technology. The fine pixel technology perfects lowest average splice loss



Powerful Lithium Polymer Battery

Performs 250 cycles of fusion splicing and sleeve heating with the standard battery



KG Compact, Lightweight and Fast

This splicer is one of the smallest, lightest and fastest among all the existing core alignment splicers.

Dimensions : 143(W) x 163(L) x 140(H)

Weight : 2.25kg

Splicing Time : 6 seconds

Tube heat : 9sec

Features & Benefits

- Core alignment
- Lowest splice loss in industry
- Industry leading splice, heat cycle time
- 5.0 Inch touch screen
- Kit Includes: single action bench mount
- precision cleaver with automatic fibre collector
- Splice on connector ready
- Shock, water and dust resistant

Fast Facts

- Splice Loss 0.02dB
- Splice Time 6 Seconds
- Heater Time 60mm - Only 6 Seconds
- Battery Time 250 Cycles
- Kit includes: Precision Cleaver, Strippers,
- Spare Electrodes, IPA dispenser



The Swift K11 core-to-core alignment fusion splicer, offers industry leading functionality and performance. The K11 can cater for a variety of splicing applications including LAN, CATV, FTTx links. The K11 is compact, lightweight and rugged for field use.

A long life battery supports up to 250 fibre splice cycles and fast heater time ensures the installer can get all fibre splice works completed efficiently. Furthermore, the unit boasts a 5 inch color touch screen to make operating the units menus and functions quick and simple.

IPAAS Technology Core Alignment

The Swift K11 core alignment splicer is based on the IPAAS (Image Pattern Analysis Alignment System) technology. The fine pixel technology perfects lowest average splice loss

Compact, Lightweight and Fast

This splicer is one of the smallest, lightest and fastest among all the existing core alignment splicers.

Dimension : 143(W) x 163(L) x 140(H) | Weight : 2.25kg | Splicing

Time : 6 seconds

Tube heat : 9sec(IS-45 Sleeve, IS-45mode),13sec(IS-60 Sleeve, IS-60mode),

Resistance to Shock, Dust and Water

The splicer with high reliability has stable performance even in a harsh environment

Shock-Free Fall : 76cm from 5 sides | Waterproof : IPx2 |

Dustproof : IP5x

Powerful Lithium Polymer Battery with Large Capacity

Performs 250 cycles of fusion splicing and sleeve heating with the standard battery

5 inch Color LCD Monitor with Touch Screen

Magnification : 200X, Max 400X

For user's convenience, LCD monitor has been designed with touch screen in addition to the operation keys.

Bidirectional Operation System

For user's ergonomic preference, the screen can be turned around for one's chosen viewing direction.

Equipped with Sleeve Loader to Prevent Contamination and to Provide Convenience

While working in a manhole, the loader prevents the supplementary sleeve from falling and being contaminated. Working in aerial space such as telephone pole, the loader also prevents the supplementary sleeve from falling down.

Auto-Calibration

Detects the surrounding environment of temperature, humidity, air pressure and measures discharge calibration rate automatically.

Compatible with Fusion Splice-On Connector(SOC) in accordance with the Industrial Standard

MS-01, the manual stripper for Swift Connector

| CATEGORY | DESCRIPTION |
|-----------------------------------|------------------------------------------------------------------------------------|
| Fibre alignment | IPASS core to core alignment pattern analysis alignment system |
| Applicable types of fibre | 0.25mm, 0.9mm, 2.0mm, 3.0mm, 4.0, Indoor cable |
| Fibre count | Single fibre |
| Applicable fibre dimensions | Cladding diameter: 80~150 , Coating diameter: 100 ~4mm |
| Fibre setting and cleaved length | 7~16mm |
| 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 (Typical) |
| Splicing time | Typical 6sec. (Quick Mode) |
| Sleeve heating time | 9sec (IS-45 Sleeve, IS-45 mode), 13sec (IS-60 Sleeve, IS-60 mode) |
| Applicable protection sleeve | 40mm, 60mm, 32mm or 28mm for SOC |
| 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 |
| Dimension | 143(W) x 163(L) x 140(H)mm (Without Bumper) |
| Weight | With battery 2.25kg |
| Viewing method and display | Two CMOS cameras and 5.0-inch color touch LCD |
| Fibre view and magnification | X/Y : 200X, Max 400X |
| Power supply | DC Lithium polymer battery (DC 14.8V, 4700, 6000mAh-option), 100~240V AC Adapter |
| No. of splice cycles with battery | Typical 250 cycles |
| Electrode life | More than 3,500 times |
| Terminals | USB, External power (DC 12V car cigar jack) |

Standard Package

| CATEGORY | MODEL | QTY |
|--------------------|-----------|--------|
| Arc Fusion Splicer | K11 | 1 |
| AC Adapter | F1-1 | 1 |
| Sleeve Loader | S312 | 2 |
| Spare Electrode | EI-23 | 1 pair |
| Battery Pack | K11-4700 | 1 |
| User Manual | - | 1 |
| Cooling Tray | CT01 | 1 |
| Manual Stripper | CF-02 | 1 |
| DC Output Cable | - | 1 |
| Tool Box | - | 1 |
| Carrying Case | Hard Case | 1 |
| Screw Driver | LD-3300 | 1 |
| Alcohol Dispenser | PP | 1 |
| USB Cable | - | 1 |

Option Package

| CATEGORY | MODEL |
|----------------|--------------------------------------------------------------|
| Battery Pack | K11-4700 |
| Cleaver Blade | BI-05 |
| Electrode | EI-23 |
| Fibre Holder | HS-250, HS-900, HS-2.5, HS-IN, HS-SC/FC, HS-LC, HS-ST,LS-900 |
| Sleeve | S-160(60mm), S-140(40mm) |
| Sleeving Clamp | SC-01 |
| Work Belt | WB-01 |
| SOC Connector | SC, LC, FC, ST(Refer to FTTx Solution catalogue) |
| Cleaver | CS-03A |
| External Power | DC 12V Available for car cigar jack |

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