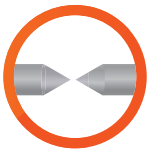
K33

IPAAS Core Alignment Splicer

BENEFITS AND FEATURES

- User friendly GUI
- Wide 127mm (5.0 in) color LCD monitor with electrostatic touch screen & bidirectional operation system
- Powerful lithium polymer battery with large capacity
- Lowest splice loss
- Resistance to shock, dust and water
- LED lamp installed on the wind cover for low light condition



ELECTRODE LIFE
Up to **33,000**

ROTATING BLADE LIFE
Up to **75,000**

Arrow Wire & Cable
Southern CA/AZ: 800.659.3655 | Northern CA: 866.227.7699
marketing@arrowwire.com | arrowwire.com

K33

SPECIFICATION

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 A2/B2); SM (G.657 B3)
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 80~150㎛; Coating diameter: 100㎛
Fiber setting and cleaved length	250㎛: 5~16mm; 900㎛: 8~16mm
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 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) External SDHC memory slot
Tension test	1.96N to 2.25N
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%
Dimension	130(W) x 158(L) x 138(H)mm (excluding bumper)
Weight	2.25kg (including battery)
Viewing method and display	Two CMOS cameras and 127mm (5.0in) 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 331 cycles (6000mAh)
Electrode life	Up to 33,000 splices
Blade life	Up to 75,000 fibers
Terminals	USB

STANDARD PACKAGE

CATEGORY	MODEL	Q'ty
Arc fusion splicer	SWIFT K33	1
Battery	K3347 (6000mAh)	1
AC adapter	100-240V	1
Instructions for use	-	1
Spare electrode	EI-23	1 pair
Transporting case	Hard case	1
Cooling tray	-	1
Tool box	-	1
USB cable	-	1
Cleaver	CS-01BT	1
Manual stripper	CF-02	1
Alcohol dispenser	PP	1

OPTION PACKAGE

CATEGORY	MODEL
Battery	K3347 (6000mAh)
Cleaver blade	BI-07
Electrode	EI-23
Work belt	-
Sleeve loader (2ea)	-
Sleeve	S-160 (60mm), S-140 (40mm)
Sleeve clamp	-
SOC connector	SC, LC, FC, ST (refer to FTTx solution catalogue)
Optical fiber holder	HS-250, HS-900, HS-2.5, HS-IN, HS-SC/FC, HS-ILC, HS-ST, LS-900 (loose tube)

K33A

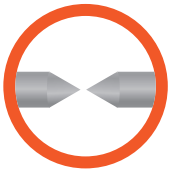
IPAAS Core Alignment Splicer

PREMIUM FUSION SPLICER

BENEFITS AND FEATURES

- Remote maintenance via Internet
- The fusion splicer with All-In-One system provides the best workability. Integrated 5 functions in one unit (stripping, cleaning, cleaving, splicing and protecting)
- No scratches on fiber by thermal stripping (extended tensile of fiber strength by 3kgf 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
- Rotating blade allows up to 75,000 cleaves

K33A

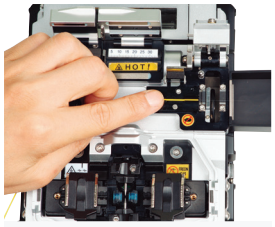


ELECTRODE LIFE
Up to **33,000**

ROTATING BLADE LIFE
Up to **75,000**

ALLINONE

STRIPPING



CLEAVING

CLEANING

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K33A

SPECIFICATION

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 A2/B2); SM (G.657 B3)
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 80~150㎛; Coating diameter: 100㎛~1000㎛
Fiber setting and cleaved length	250㎛: 5~16mm; 900㎛: 8~16mm
Splicing modes	Splice mode: 100; Heat mode: 50
Typical splice loss	SM: 0.02dB; MM: 0.01dB; DS:0.04dB; NZDS: 0.04dB
Return loss	> 60dB
Splicing time	Typical 9 sec.
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 or 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	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%
Dimension	136(W) x 215(L) x 137(H)mm (excluding bumper)
Weight	2.45kg (including battery)
Viewing method and display	Two CMOS cameras and 127mm (5.0in) 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 33,000 splices
Blade life*	Up to 75,000 fibers
Terminals	USB, external power (DC 12V available for car cigar jack)

* Blade life may be changed under the condition of working environment..

STANDARD PACKAGE

CATEGORY	MODEL	Q'ty
Arc fusion splicer	SWIFT K33A	1
Battery	K3360 (6000mAh)	1
AC adapter	100-240V	1
Instructions for use	-	1
Spare electrode	EI-23	1 pair
Transporting case	Hard case	1
Cooling tray	-	1
Tool box	-	1
Cleaver	CF-07FT	1
Holders	Fixed	1 pair

ADD-ON ACCESSORIES

CATEGORY	MODEL
Cleaver blade	BI-07
Electrode	EI-23
External power	DC 12V (available for car cigar jack)
Sleeve loader (2ea)	-
Sleeve	S-160 (60mm); S-140 (40mm)
Sleeve clamp	-
SOC connector	SC, LC, FC, ST (refer to FTTx solution catalogue)
Optical fiber holder	HS-250, HS-900, HS-2.5, HS-IN, HS-SC/FC, HS-ILC, HS-ST, LS-900 (loose tube)
Cleaver	CF-07FT

KF4A

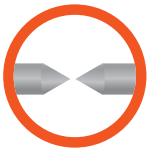
Active V-Groove Alignment

BENEFITS AND FEATURES

- Integrated 5 function in one unit (stripping, cleaning, cleaving, splicing, protecting)
- The fusion splicer with All-In-One system provides the best workability on the pole and limited work spaces
- No scratches on fiber by thermal stripping
- Compatible with Fusion Splice-On Connector (FSOC) in accordance with the industrial standard
- Ideal for Enterprise, Data Center Broadband and FTTH network application

ALLINONE

ROTATING BLADE LIFE
Up to **75,000**



ELECTRODE LIFE
Up to **38,000**

Fusion Splice-On Connectors

UPGRADE OPTION

- VFL (Visual Fault Locator) utilizes a 650nm red laser to locate and visibly display any failure points throughout the cable
- InGaAs Power Meter (indium, gallium, arsenide) detects the amount of power lost during transmission and can help correct potential errors

STRIPPING

CLEAVING

CLEANING

ARROW
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ARC FUSION SPLICER

SPECIFICATION

CATEGORY	DESCRIPTION
Fiber alignment	IPAAS Clad to Clad Alignment
Applicable type of fibers	0.25mm; 0.9mm; 2.0mm; 3.0mm Indoor cable
Fiber count	Single fiber
Applicable fiber dimensions	Cladding diameter: 125㎛; Coating diameter: 150㎛~3mm
Fiber setting and cleaved length	0.20in to 0.63in
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 7sec. with SM
Splice loss estimate	Available
Sleeve heating time	Typical 13sec. with IS-60 mode, IS-60 sleeve
Applicable protection sleeve	40mm (2.4in); 60mm (1.5in) micro sleeves
Storage of splice result	Data: up to 5,000ea; Image: up to 5,000ea
Tension test	1.96N to 2.25N
Operating condition	Altitude: 0~5,000m above sea level, Temperature: -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%
Dimension	132(W) x 212(L) x 73(H)mm (without rubber protector)
Weight	1.5kg (Including battery)
Viewing method and display	2 AXIS Two CMOS cameras with 109mm (4.3in) 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 75,000 fibers
Terminals	USB

STANDARD PACKAGE

CATEGORY	MODEL	Q'ty
Arc fusion splicer	SWIFT KF4A	1
Battery	KF-3400	1
Battery adapter	FY1701000	1
Instructions for use	-	1
Spare electrode	EI-24	1 pair
Transporting case	HC-11 (hard case)	1
Optical fiber holder	-	1 pair
Cooling tray	CT-01 (40mm (1.5in))	1
Allen wrench	LD-3300	1
USB cable	-	1
Hard brush	-	1
Soft brush	-	1
Tool box	-	1
Tweezer	-	1

OPTION PACKAGE

CATEGORY	MODEL
Battery	KF-3400
Cleaver blade	BI-07
Electrode	EI-24
Transporting case	ILST-SS03(L) (soft case)
Work belt	WB-01
Sleeve	S09-C, S09, S30-C, S30
Sleeve clamp	SC-01
SOC connector	SC, LC, FC, ST (refer to FTTx solution catalogue)
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, HF4-SC/FC, HF4-ST, HF4-ILC, LS-900 (choose one)

KR12

Ribbon Splicer

BENEFITS AND FEATURES

- Wide 127mm (5.0in) color LCD monitor with electrostatic touch screen & bidirectional operation system
- Powerful lithium polymer battery with large capacity: 4700mAh
- User friendly GUI
- Resistance to shock, dust and water
- LED lamp installed on the wind cover for low light condition

KR12

ROTATING BLADE LIFE

Up to **75,000**

SHOCK

WATER

DUST

Ribbonizing Holder Kit

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ARC FUSION SPLICER

SPECIFICATION

CATEGORY	DESCRIPTION
Fiber alignment	Ribbon
Applicable type of fibers	SM(G.652); MM(G.651); DS(G.653); NZDS(G.655)
Fiber count	Single fiber; 2~12 ribbon fiber
Applicable fiber dimensions	Single: Cladding diameter 125㎛; Coating diameter 250; 900㎛ Ribbon: Cladding diameter 125㎛; Ribbon fiber thickness 0.25 to 0.40mm
Fiber setting and cleaved length	10mm
Splicing modes	Splice mode: 100; Heat mode: 100
Typical splice loss	SM: 0.05dB; MM: 0.02dB; DS: 0.08dB; NZDS: 0.08dB
Return loss	> 60dB
Splicing time	Typical 16 sec. with standard SM (ITU-T G.652)
Splice loss estimate	Available
Sleeve heating time	1~2 core 20 sec.; 4~12 core 50 sec.
Applicable protection sleeve	40mm, 60mm (fiber); Micro
Storage of splice result	The last 10,000 results to be stored in the internal memory. (Image 10,000 results) External SPHC memory slot
Tension test	2N/4.4N (option)
Operating condition	Altitude: 0~3,660m 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%
Dimension	130(W) x 158(L) x 126(H)mm (excluding bumper)
Weight	2.1kg (including battery)
Viewing method and display	Two CMOS cameras and 127mm (5.0in) color LCD monitor with Electrostatic touch screen
Fiber view and magnification	20X, MAX 60X
Power supply	100-240V AC
No. of splice cycles with battery	Typical 200 cycles (6000mAh)
Electrode life	Up to 3,000 splices
Terminals	USB, External Power (DC 12V (available for car cigar jack)); DC Output 13.2~16.8V

STANDARD PACKAGE

CATEGORY	MODEL	Q'ty
Arc fusion splicer	SWIFT KR12	1
AC adapter	100-240V	1
Spare electrode	EI-28	1 pair
Battery	K3347 (6000mAh)	1
Alcohol dispenser	-	1
Cooling tray	-	1
Manual stripper (DC)	IHS-12	1
Cleaver	CI-03RT	1
DC-output cable	-	1
Tool box	-	1
User manual	-	1
Carrying case	Hard case	1
Fiber holder	H7-Series	1 pair
USB cable	-	1

OPTION PACKAGE

CATEGORY	MODEL
Battery	K3360 (6000mAh)
Ribbonizing holder kit	-
Cleaver blade	BI-07
Electrode	EI-28
Fiber holder	H7-4-10,H7-8-10,H7-12-10,H7-250-10, H7-900-10, H7-2.5-10, H7-IN-10, H7-2-10, H7-6-10, H7-10-10, MPO-10, KR7-12
Sleeve	R-F40 (40mm)
Sleeving clamp	-
External power	DC 12V (available for car cigar jack)
Sleeve loader (2ea)	-
Ribbon separator	-

KR12A

Ribbon Splicer

PREMIUM FUSION SPLICER

BENEFITS AND FEATURES

- Remote maintenance via Internet
- The fusion splicer with All-In-One system provides the best workability. Integrated 5 functions in one unit (stripping, cleaning, cleaving, splicing and protecting)
- No scratches on fiber by thermal stripping (extended tensile of fiber strength by 2kgf 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
- User Friendly GUI

KR12A

ALLINONE

ROTATING BLADE LIFE
Up to **75,000**

SHOCK

WATER

DUST

Ribbonizing Holder Kit

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ARC FUSION SPLICER

SPECIFICATION

CATEGORY	DESCRIPTION
Fiber alignment	Ribbon
Applicable type of fibers	SM(G.652); MM(G.651); DS(G.653); NZDS(G.655)
Fiber count	Single fiber; 2~12 ribbon fiber
Applicable fiber dimensions	Single: Cladding diameter 125㎛; Coating diameter 250; 900㎛ Ribbon: Cladding diameter 125㎛; Ribbon fiber thickness 0.25 to 0.40mm
Fiber setting and cleaved length	10mm
Splicing modes	Splice mode: 300; Heat mode: 100; Strip mode: 50
Typical splice loss	SM: 0.05dB; MM: 0.02dB; DS: 0.08dB, NZDS; 0.08dB
Return loss	> 60dB
Splicing time	Typical 20 sec. with standard SM (ITU-T G.652)
Splice loss estimate	Available
Sleeve heating time	1~2 core 20sec; 4~12 core 50sec
Applicable protection sleeve	40mm, 60mm (fiber)
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: 0~3,660m 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%
Dimension	136(W) x 215(L) x 132(H)mm (excluding bumper)
Weight	2.3kg (including battery)
Viewing method and display	Two CMOS cameras and 127mm (5.0in) color LCD monitor with Electrostatic touch screen
Fiber view and magnification	20X, MAX 60X
Power supply	100-240V AC
No. of splice cycles with battery	Typical 236 cycles (6000mAh)
Electrode life	Up to 3,000 splices
Terminals	USB, External Power (DC 12V (available for car cigar jack)), DC Output 13.2~16.8V
Blade life*	Up to 75,000 fibers

* Blade life may be changed under the condition of working environment..

STANDARD PACKAGE

CATEGORY	MODEL	Q'ty
Arc fusion splicer	SWIFT KR12A	1
AC adapter	100-240V	1
Spare electrode	EI-28	1 pair
Battery	K3360 (6000mAh)	1
Upgrade cable	-	1
Cooling tray	-	1
Tool box	-	1
User manual	-	1
Carrying case	Hard case	1
Fiber holder	H7-Series	1 pair
USB cable	-	1

OPTION PACKAGE

CATEGORY	MODEL
Battery	K3360 (6000mAh)
Ribbonizing holder kit	-
Cleaver blade	BI-07
Electrode	EI-28
Fiber holder	H7-4-10, H7-8-10, H7-12-10, H7-250-10, H7-900-10, H7-2.5-10, H7-IN-10, H7-2-10, H7-6-10, H7-10-10, MPO-10, KR7-12
Sleeve	R-F40 (40mm)
Sleeving clamp	-
External power	DC 12V (available for car cigar jack)
Sleeve loader (2ea)	-
Ribbon separator	-
Cleaver	CM-03RT