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HIGH PRECISION TECHNOLOGY

SWIFT *KF4A*

Active V-Groove Alignment

Optimized to
Access Network & FTTH installation

ALLINONE

Benefits and Features

- Integrated 5 Function in One Unit
  (Thermal stripper without crack on fiber, alcohol dispenser, built-in automatic cleaver, splicer and sleeve heater)

- Active V-Groove Alignment : Clad to clad with maximum accuracy in alignment.

- Compatible with SWIFT Fusion Splice-On Connector(FSOC)
  full compliance to industry standard, allowing convenient field termination and assembly with minimum loss rate and maximum tensile force once assembled.

Stripping
(No Cracks on Fiber)

Cleaning

Cleaving

SOC/Pigtail

On a Telephone pole

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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 : 125μm, Coating diameter : 150μm~3mm
Fiber setting and cleaved length	5mm to 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
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	60mm, 40mm and micro sleeves
Storage of splice result	Data : 5,000ea Up to, Image : 5,000ea Up to
Tension test	1.96N to 2.25N
Operating condition	Altitude : 0 to 5,000m above sea level,Temperature : -10 to 50deg C, Wind : 15m/sec Humidity : 0 to 95% RH, non-Condensation, dust proof, water proof, shock proof
Storage condition	Temperature: -40℃~80℃, 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 3.5-inch 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	3,000 splices
Terminals	USB

Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	KF4A	1
AC Charger	-	1
Spare Electrode	EI-24	1 pair
Cooling Tray	CT-01(40mm)	1
User Guide CD	-	1
Carrying Case	Hard case	1
Battery	KF-3400	1
Screw driver	3300	1

Option Package

CATEGORY	MODEL
Cleaver Blade	BI-05
Electrode	EI-24
Battery	KF-3400
Carrying Case	Soft bag
Work Belt	WB-01
Sleeve	S09-C, S09, S30-C, S30
Sleeving Clamp	SC-01
SOC Connector	SC, LC, FC, ST(Refer to FTTx Solution catalogue)
Fiber Holder	HS-250, HS-900, HS-2.5, HS-IN,

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