



KF4A

Active V-Groove Alignment



Optimized to
 Access Network & FTTH installation

ALLINONE+

Benefits and Features

- Remote Maintenance via Internet
- Integrated 7 Function in One Unit (Stripping, Cleaning, Cleaving, Splicing, Protecting, Power Meter and Visual Fault Locator)
- Built-in Power Meter and Fault Locator (PCT/KR2013/001243) -option
- Compatible with Fusion Splice-On Connector(SOC) in accordance with the Industrial Standard



Stripping
 (No Cracks on Fiber)



Cleaving



Power Meter and Fault Locator



SOC/Pigtail



On a Telephone pole

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 μ m, Coating diameter : 150 μ m~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 $^{\circ}$ C~80 $^{\circ}$ C, 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
Battery Adapter	FY1701000	1
Spare Electrode	EI-24	1 pair
Cooling Tray	CT-01(40mm)	1
User Guide CD	-	1
Carrying Case	Hard Case(HC-11)	1
Battery	KF-3400	1
Screw Driver	LD-3300	1
USB Cable	-	1
Fiber Holder	-	1 pair

Option Package

CATEGORY	MODEL
Cleaver Blade	BI-05
Electrode	EI-24
Battery	KF-3400
Carrying Case	ILST-SS03(L) (soft Case)
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, HF4-SC/FC, HF4-ST, HF4-LC, LS-900(choose one)
Manual Stripper	CF-02
External Power	DC 12V Available for car cigar jack

Optical Power Module (Optical power meter + VFL)

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