



# 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)



Cleaning



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 $\mu$ m, Coating diameter : 100 $\mu$ m~3mm
Fiber setting and cleaved length	5mm to 16mm
Splicing modes	Splice mode: 100, Heat mode: 50
Typical splice Loss	SM: 0.02dB, MM: 0.01dB, DS:0.04dB, NZDS: 0.05dB
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
AC Charger	-	1
Spare Electrode	EI-24	1 pair
Cooling Tray	CT-01(40mm)	1
User Guide CD	-	1
Carrying Case	Soft bag	1
Battery	KF-3400	1

## Option Package

CATEGORY	MODEL
Cleaver Blade	BI-05
Electrode	EI-24
Battery	KF-3400
Carrying Case	Hard Case
Work Table	WK-01(Soft Bag)
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, HS-SC, HS-FC, HS-LC, HS-ST, LS-900 (choose one)

Optical Power Module (Optical power meter + VFL)