



F3

Clad to Clad: Fixed V-groove

FTTH Fusion Splicer



CF-01A

Benefits and Features

- Remote Maintenance via Internet
- Compact, Lightweight and Convenient
- Resistance to Shock, Dust and Water
- Two Adopted Heaters
- Compatible with Fusion Splice-On Connector(SOC) in accordance with the Industrial Standard
- Built-in Power Meter and Fault Locator (**Option: F5**)



Shock



Water



Dust



SOC/Pigtail



OPTION
SWIFT F5
 Clad to Clad Alignment



Optical power meter and V.F.L (Visual Fault Locator)



Specification

CATEGORY	DESCRIPTION
Fiber alignment	Fixed V-Groove(Clad to Clad)
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: 250, 900 μ m
Fiber setting and cleaved length	8.0mm
Splicing modes	Splice mode: 100, Heat mode: 50
Typical splice Loss	SM: 0.03dB, MM: 0.02dB, DS: 0.06dB, NZDS: 0.06dB
Return loss	> 60dB
Splicing time	Typical 7sec (Standard SM, SM-SM mode)
Splice loss estimate	Available
Sleeve heating time	20sec(0.9mm fiber), 70sec(Indoor, 3.0mm cable), 80sec(Connector)
Applicable protection sleeve	45mm,60mm(Fiber), 28 or 32mm(Connector)
Storage of splice result	The last 2,000 results to be stored in the internal memory.
Tension test	1.96N
Operating condition	Altitude: 0~5,000m above sea level, Temperature: -10 $^{\circ}$ C~50 $^{\circ}$ C, Humidity: 0~95%, Wind: 15m/s, non-condensing, dust proof, water proof, shock proof
Storage condition	Temperature: -40 $^{\circ}$ C~80 $^{\circ}$ C, Humidity: 0~95%
Dimension	142(W) x 183(L) x 86(H)mm(Including rubber)
Weight	0.9kg(Including battery 1.2kg)
Viewing method and display	Two CMOS cameras and 3.5-inch color LCD monitor
Fiber view and magnification	X/Y : 170X/190X
Power supply	DC Lithium polymer battery(DC 14.8V, 1650mAh x 2), 100 ~ 240V AC Adapter
No. of splice cycles with battery	Typical 140 cycles
Electrode life	More than 2,500 times
Terminals	USB

Standard Package

CATEGORY	MODEL	Q'ty
Arc Fusion Splicer	F3	1
AC Adapter	F1-1	1
Battery Charger	F1-2	1
Spare Electrode	EI-19	1 pair
Battery Pack	F1-B	2
Cooling Tray	CT-01(40mm)	1
Sleeving Clamp	SC-01	1
Manual Stripper	MS-01	1
Holder	HF Series	1 pair
Tool Box	-	1
User Guide CD	-	1
Alcohol Dispenser	-	1
Carrying Case	Hard Case	1

Option Package

CATEGORY	MODEL
Battery Pack	F1-B
Fiber Cleaver	CI-01A
Cleaver Blade	BI-05
DC Adapter	ISFB-02
Electrode	EI-19
Fiber Holder	HF-250, HF-900, HF-2.5, HF-IN, HF-SC, HF-FC, HF-LC, HF-ST, LF-900
Sleeve	S09-C, S09, S30-C, S30
Work Table	WK-02(Soft Bag)
SOC Connector	SC, LC, FC, ST(Refer to FTTx Solution catalogue)

* Design and specifications are subject to change without notice.