

# DATASHEET

## Fiber Fusion Splicer

Easily and efficiently Splice Fiber&Cable and Fusion-On Connector

4 motors accuracy core to core alignment



<9s Splicing time

High Precision FTTH Fiber Fusion Splicer-OMCFS-118



**RoHS**



OMC INDUSTRY CO.LIMITED

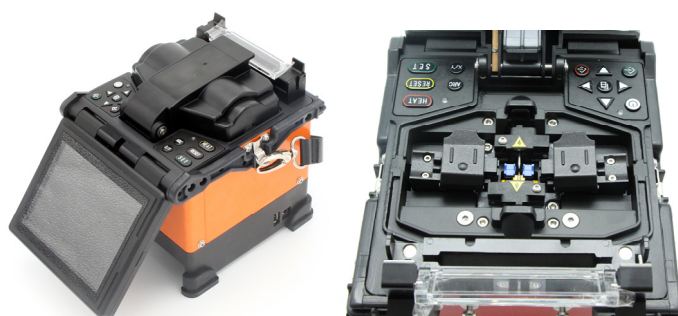


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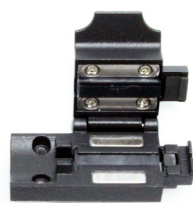
### Product Introduction

**OMCFS-118 High Precision FTTH Fiber Fusion Splicer**, with high performance price ratio, is the main product of OMC Company. With SAMLL& smart appearance, reliable quality, OMCFS-118 is a special design for the installation, operation and maintenance of optical fiber specially design a precision, durable, convenient optical fiber construction instrument. Widely used in the construction, inspection, maintenance of FTTX project.

### Product Details



Part No.: OMCFS-118-1  
Splice Fiber&Cable Only



Splice Fixture for OMCFS-118-1



Part No.: OMCFS-118-2  
Splice Fiber&Cable and SC  
Fusion-On connector Both

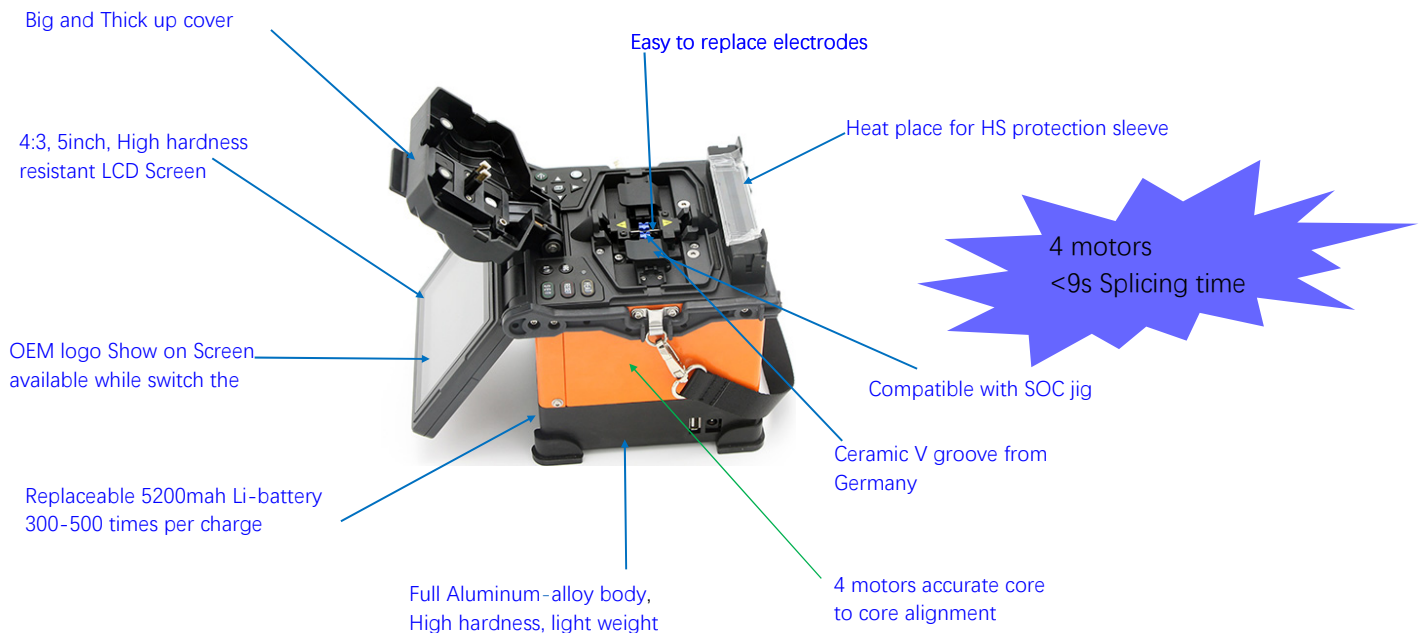
Splice Fixture for OMCFS-118-2

Model	OMCFS-118-1	OMCFS-118-2
Splicing Fiber Type	SM, MM, DS, NZDS Fiber&Cables	SM, MM, DS, NZDS Fiber&Cables and SC Fusion splice-on Connector
Splicing Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)	
Available language	English, Russian, Spanish, Portuguese, Italian, French, German	
Splicing Mode	Manual, Half Auto, Auto	
Fiber Alignment	Core to Core Alignment by PAS technology	
Splicing Time	≤9s	
Heat Time	≤30s	
Cleaved Length	8 ~ 16mm	
Fiber Image/ Magnification	300/150	
View Display	5 inch (4:3) digital high quality LCD screen	
Tension Test	Standard 2N (option)	
Heat Shrinkable Sleeve	60mm, 40mm and serials heat Shrinkable Sleeve	
Battery Capacity	300 cycles splicing and heating, 3 hours charging time ( splicing and charging at same time)	
Battery Life	Cycling charge 300-500 times, easy to replace battery	
Electrodes Life	3000, easy to replace electrodes	
Power Source	≤20W	
Interface	USB Convenient data download and software update	
Construction Lighting	Built in high brightness, wide range of lights, easy to operate at night	
Power supply	Built in lithium battery 5200mAh 11.1V; external adapter, input: AC100-240V, output: DC13.5V/4.5A	
Operating Condition	0-5000m above sea level, Temperature: -10-60℃, Humidity:0 ~ 95%RH (No dew)	
Weight	1.98KG (including battery), 1.48KG (excluding battery)	
Dimension (LxWxH)	135mm(L)×158mm(W)×155mm(H)	



## High Precision FTTH Fiber Fusion Splicer-OMCFS-118

### Product Details



### Package



### Guarantee

- 1) Lifelong technical support. Any problem during using, we will offer guidance to solve the problem.
- 2) Quick feedback. Usually customers can get our reply within 1 hour, latest will be not over 10 hours.
- 3) 24 months warranty period. Within warranty period, all repair and replacement of Non-human damage are for free.
- 4) Reasonable cost for repair & replacement. According to our experience, most problems could be solved by machine menu operation via our remote guidance, do not need re-pairing or replacement.

### Related products

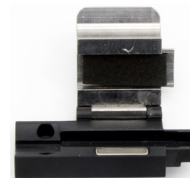
*SC Fusion Splice-on connector*

*Part No. : J-FSSU-1*



*Part No. : J-FSSA-1*

### Optional tools



*SOC Fixture to splice SC Fusion Splice-on connector*

### Battery

