



FTTH High Precision Fusion Splicer

SP-FS18



Shenzhen SPEEDWOLF Technology Co., Ltd

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Overview

Shenzhen SPEEDWOLF Technology Co., Ltd. is a company specializing in the production of optical fiber fusion splicer, optical fiber cleaver, OTDR, light source, optical power meter, and optical fiber fixture, and other optical communication instrument high-tech enterprises.

Company production of OP-FS16,OP-FS18,OP-FS19 series fiber splicing machine and OP-OTDR32F series OTDR is not only widely used in China Telecom, China Mobile, Unicom, radio and television major domestic telecommunications operators, but also exported to South America, Europe, Russia, Southeast Asia and Africa and other parts of the world.

SPEEDWOLF OP-FS18 Fusion Splicer is core-to-core alignment single fiber splicer, which is designed for splicing single-count optical fibers: SM (G.652/657), MM (G.651), DSF (G.653), NZDSF (G.655) for telecommunication use, PON/FTTx networks, etc. Splicing takes only 8 seconds, and heating takes only 15 seconds. The device is optimized for splicing under severe weather conditions, it is protected from stress and shock. It may be powered from 100/240V AC, or using a battery (included). where you may place the needed tools: a cleaver, a stripper, sleeves, etc.

Product Features

- Used for FTTH and ordinary fiber project
- Core to core alignment by PAS technology
- 8 sec splicing time and 30 sec heat time
- 300 X or Y view, 200 X and Y view
- 5 inch digital high-quality LCD screen, observe X and Y view at same time
- Three in one fixture, splicing single fiber, cable indoor and pigtail
- Built in large capacity lithium battery of 200 times splicing and heating
- Small size and light weight, 1.98KG including battery

Technical Parameters

Model	SP-FS18 FTTH Fusion Splicer
Splicing Type	SM, MM, DS, NZDS
Splicing Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Return Loss	>60dB

Splicing Mode	Manual, Half Auto, Auto
Fiber Alignment	Core to Core Alignment by PAS technology
Applicable Fiber	Cable indoor and 0.25mm,0.9mm fiber, SC connector(option)
Splicing Time	≤9s
Heat Time	≤30s Auto Heat
Cleaved Length	8~16mm
Fiber Image/ Magnification	300/200
View Display	5 inch digital high-quality LCD screen
Tension Test	Standard 2N (option)
Heat Shrinkable Sleeve	60mm, 40mm and serials heat Shrinkable Sleeve
Battery Capacity	200 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	1.98 KG (including battery)
Dimension (LxWxH)	135mm(L)×158mm(W)×155mm(H)

Kit Include

No	Name	Qty
1	SP-FS18 Fusion Splicer	1 set
2	Fiber Cleaver	1 pcs
3	Fiber Stripper	1 pcs
4	AC Adaptor	1 pcs
5	Li Battery	1 pcs
6	Charger	1 pcs
7	Spare Electrodes	1 pair
8	Cooling Tray	1 pcs
9	User Manual CD	1 pcs
10	Carrying Case	1 pcs

Image Illustration





Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by SPEEDWOLF before they become applicable to any particular order or contract. In accordance with the SPEEDWOLF policy of continuous improvement specifications may change without notice.

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