

JX9010A Fiber Fusion Splicer

Model #: JX9010A

Description: Fiber Fusion Splicer

Application: FTTX, Fiber Fusing

Summary:

JX9010A fiber fusion splicer is designed for FTTX environment. This fiber fusion splicer is light weighted with small form factor. It has a built in LED lamp which makes it easy to use in darkness. The fiber fusion splicer can provide fine imaging system and its advanced digital design makes the image display exquisite and clear. The embedded real-time operating system provides a friendly interface and abundant functionality. The built-in super capacity of a long time high performance lithium battery offers reliable field work.



The real-time compensation feature to the fluctuation of temperature, humidity and air pressure has greatly improved its ability to operate under tough environment, and to obtain consistent fusion performance.

JX9010 Fiber Splicer is mainly applied to fiber cable construction, fiber line maintenance, rush fiber cable repair and test for fiber component production.

Features:

- Fully digitized design for precise automatic fusion;
- Automatic & accurate fiber core alignment
- Unique newly designed keyboard
- Low fusion loss
- Small form factor and light weighted
- 7 seconds fusion, 25 seconds heat shrink
- Precise splicing loss measurement
- X/ Y axis shown simultaneously, magnification up to 304 times
- Automatic fusion once cover is closed
- Automatic heat shrink
- Real-time arc calibration
- Long electrode life, as high as 4000 arc count
- USB and VGA interface port
- 5.7 inch high-definition digital display on LCD panel

- Built-in lithium battery with super capacity, up to 220 fusion and heating operation
- Real-time display of battery remaining capacity

Specifications:

Parameter	Unit	Specifications
Applicable Fiber	nm	SMF(ITU-T G. 652), MMF(ITU-T G. 651), DSF(ITU-T G. 653), NZDSF
Average Splicing Loss	dB	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Return Loss	dB	>60
Operation Mode		Auto, half auto, manual
Align Mode		Advanced PAS align mode
Fiber Diameter	μm	clad diameter: 80 - 150 coating diameter: 100 - 1000
Cleave Length	mm	8 – 16 (coating diameter < 250 μm) 16 (coating diameter 250 – 1000 μm)
Magnification	time	Vertical 152, horizontal 304
Display	inch	5.7 (640 x 480 pixel LCD)
Pull Text	N	2 (optional)
Pyrocondensation Tube Length	mm	60, 40 and a series of micro heat-shrinkable tubing
Battery Capacity		Splicing 220 times (typical), charging for 3.5 hour
Battery Life Time	cycle	300 – 500 times, replaceable
Electrode Lifetime	Times	>4000, replaceable
Lighting for Operation		Built-in super high-brightness LED supply convenience for work in darkness
Interface Ports		USB, VGA
Power Supply		Built in 11.1V Lithium Ion Battery. AC adopter(Input AC100 - 240, output DC13.5V/4.5A)
Operating Environment		Temperature range: -10 to 50°C; Humidity: 95%RH (40°C, no condensing); Altitude: 0 – 5000 m
Dimension	mm	160 (L) × 150 (W) × 140 (H)
Weight	kg	2.3 (without battery), 2.8 (with battery)

Standard packing list

Item	Description	Quantity
1	JX9010A Fiber Splicer	1
2	AC power adapter	1
3	AC current cable	1
4	Standby electrode	1 pair
5	Blower brush	1
6	Clean liquid bottle	1
7	Cooling tray	1
8	User's manual	1

9	Luxury carrying case	1
10	Fiber cleaver	1
11	CFS-2 stripper	1

Optional accessory

Item	Description	Remark
1	Li-ion battery	11.1/10AH
2	Tool kit	