



## FSM-V-A Handheld Fiber Fusion Splicer

### Product Description

FSM-VA hand-held fiber fusion splicer, mainly used for construction and maintenance in the optical communication, using high-voltage arc to the two fibers cross-section melting at the same time and let two optical fibers with high precision motion gently push merge into one. It is smaller, lighter and portable. It is the preferred tool in the high-altitude, small environment and other special construction environment welding. It is suitable for single person which having 2 motors, three-in-one jacket for the fiber to the home and special maintenance circumstances.

### Product Features

- Small size, light weight, easy to carry
- All-digital mode
- 10 seconds welding time, 16 seconds heating time
- The fiber magnification is 200 times and the core is clearly visible

### Product Specification

Parameter	Index
Applicable fibers	SM (single mode), MM (multi-mode) DS (dispersion displacement), NZDS (non-zero dispersion), BIF/UBIF (G.657)
Average loss	Single-mode fiber (SM): typical 0.03dB Multi-mode fiber (MM): typical 0.02dB Dispersion-shifted fiber (DS): typical 0.06dB Non-zero dispersion shifted fiber (NZDS): typical 0.06dB
Splicing time	10s
Applicable sleeve	60mm、40mm、20mm and a series of heat shrink tubing
Heating time	16s
Return loss	Better than 60dB
Dimensions (L*W*H)	120×160×60(mm)
Weight	0.85kg
Wind resistant ability	15m/s
Splicing mode	Automatic, semi-automatic
Storage	Storing 5000 splicing results and the number of electrode discharge
Power supply	AC adapter, input: AC100-240V, output: DC13.5V / 5.0A
Battery capacity	Built-in lithium battery 11.1V; 4500mAH, typically welded 180 times