



FSM-V-B Multifunctional Optical Fiber Fusion Splicer

Product Description

FSM-VB multi-function optical fiber fusion splicer, mainly used for construction and maintenance in the optical communication system, 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.

Product Features

- Long standby time
- The machine is modular
- High precision
- Light weight
- Shockproof, dustproof, waterproof

Product Specification

Parameter	Index
Applicable fibers	SM (single mode), MM (multimode) DS (dispersion displacement), NZDS (non-zero dispersion), BIF / UBIF (G.657)
Average loss	Single-mode fiber (SM): typical 0.02dB Multimode fiber (MM): typical 0.01dB Dispersion-shifted fiber (DS): typical 0.04dB Non-zero dispersion shifted fiber (NZDS): typical 0.04dB
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)	135×160×150(mm)
Weight	2.2kg (no battery) or 2.6kg (with battery)
Tension test	Standard 2N
Wind resistant ability	15m/s
Splicing mode	Automatic, semi-automatic
Storage	Storing 5000 splicing results and the number of electrode discharge
Image display	5.6 inches digital TFT
Power supply	AC adapter, input: AC100-240V, output: DC13.5V / 5.0A
Battery capacity	Built-in lithium battery 11.1V; 8800mAH, typical welding 250 times, charging time is about 3.0 hours