

Fusion Splicer LFS-T6

Features

- ❖ Core to core digital alignment
- ❖ 7s for splicing, 18s for tube-heating
- ❖ 5-inch high resolution touch screen, small size, easy to carry
- ❖ Three-in-one fiber fixture, suitable for all types of optic fibers
- ❖ Real-time ARC calibration automatically
- ❖ 6800mAh removable lithium battery, 300 cycles splicing and heating
- ❖ 10,000 groups of fusion record or 200 groups of fusion image
- ❖ Multiple splicing mode, applicable for SM/MM/DS/NZDS fiber, including G.654E
- ❖ Auto identification of fiber type
- ❖ Apply to high & low temperature, high altitude and harsh environment



Specification

LFS – T6	
Fiber count	Single
Alignment method	6 motors core to core alignment
Applicable fiber	SM (G.652), MM (G.651), DS (G.653), NZDS (G.655), BI G.657) and G.654E
Splicing loss	0.02dB (SM), 0.01dB (MM), 0.04dB (DS), 0.04dB (NZDS), 0.02dB(BI)
Diameter of fiber	Cladding:80-150μm; Coating:100-1000μm
Return loss	>60dB
Operate mode	Manual, Auto
Tube heating program	Standard Heating or Preheating mode
Splicing time	Typical 7s
Heating time	Typical 18s
Heat shrinkable tube	60mm, 40mm
Fiber cleaved length	8-16mm
Storage of splice result	10,000 groups of fusion record or 200 groups of fusion image
Fiber view magnification	320X (X or Y view), 150X (X and Y view)
Display	5-inch touch-screen LCD
Tension test	2N
Battery capacity	6800mAh removable Li-ion battery, 300 cycles splicing and heating after fully charged
Electrode life	Around 5000 ARC discharges
Communication Interface	2 * USB for data upload and software update
Power Supply	AC/DC Adaptor, input: AC100-240V, output: DC11~13.5V/4.8A & Li-ion battery
Operating Condition	Temperature: -15-50℃, humidity: <95%RH (no condensation) Working altitude: 0-5000m. Resist max. wind speed: ≤15m/s
Weight	2 kg (including battery)
Dimensions (L*W*H)	130 * 154 * 132 mm
Standard Accessories:	
Fusion splicer, Fiber cleaver, Fiber stripper, Drop cable stripper, AC/DC adaptor, Spare electrodes, Cooling tray, Manual, Carrying case	