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Optical Fiber Fusion Splicer Data Sheet

Applicable Fibers	SM(G.652&G.657),MM（G.651, DS(G.657), NZDS（G.655）
Splice Loss	0.025dB（SM, 0.01dB（MM）0.04dB（DS/NZDS）
Focus Mode	Auto Focus
Fiber Alignment	Core/cladding alignment Manual alignment
Typical Splicing Time	6S（AI-8）／ 8S（AI-7）
Typical Heating Time	15 S （AI-8)／ 18 S (AI-7）Fast heating function, heating time can be set
Control Technology	Real-time control and calibration of fusion ARC
Return Loss	Better than 60DB
Fiber Diameter	Cladding Diameter 80-150μm， Coating Diameter 100-1000μm
Fiber Cleave Length	Coating less than 250μm：8-16mmCoating less m250-1000μm:16mm
Heat Shrinkable Tube	60mm, 40mm
Tension Test	Standard 2N
Fiber Holders	Multi-function holders. Applicable for SM, MM, bare fiber, pigtail, rubber-insulated, multi fiber cable
Magnification	300 for X or Y view, 150 for X or Y view
Screen	5.1-inch TFT color display
Software Upgrade	Mobile APP update, turn on Bluetooth sync to the machine
Splicing Mode	Normal / high precision splicing
Splice Record Storage	Synchronize to the phone, the server to cloud storage unlimited
Built-In Battery	7800 mA high-capacity lithium battery, charging time ≥ 3.5 hours, continuous splicing and heating about 200 times
Power Supply	Input AC100-240V 50 / 60HZ, output DC13.5V / 4A, the current power mode can be identified, real-time detection of battery power
Operating Conditions	Temperature -15 ~ +50 ℃, humidity: <95% RH (no condensation), working altitude: 0 ～ 5000m. Resist max. wind speed: ≤ 15m / s
Built-in Lighting	Bright LED for easy night operation

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