Technical Date:

Ai-9 fusion splicer

Fiber alignment	Core/cladding alignment / Manual alignmert
Splicing time	5S
Heating time	15S
Heating mode	Automatic heading (Preheating)
Focus mode	Six motors Auto focus
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)
Control Technology	Real-time control and calibration of fusion ARC
Return loss	Better than 60DB
Fiber diameter	Cladding Diameter: 80-150um, Coating Diameter:100-1000um
Fiber Cleave Lengh	Coating less than 250um: 8-16mm, Coating less than 250-1000um: 16mm
Built-in lighting	easy for night operation
Tension Test	easy for night operation
Fiber holders	3in 1 fiber holder, 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 inch TFT color display
Splicing Mode	Normal / high precision splicing
Splicing record storage	Synchronize to the phone, the server to cloud storage unlimited
Bult-in battery	7800 mA high-capacty lithium battery, charging time<=3.5 hours, continuous splicing and heating about 260 times
Power supply	Input AC100-240V 50 / 60HZ, output DC13.5V /4A. the current power mode can beidentified, real-time detection of battery power
Operating Condtions	Temperature: -15-+50C. Working altitude: 0~5000m, Resist max. wind speed: <=15m/s
Shrinkable tube	60mm,40mm
Visual Faul Locator	Power:15mw.2hzflashing And Constantly Bright Mode
Optical Power Meter	Navelength: 850nm,1300nm,1310nm,1490nm,1550nm,1625nm Measuring Range: -70 - + 6db Absolute Error: <0.3db(-50dbm ~ +3dbm Range)