



# Technical Data Sheet

NEPSTECH SIGNAL FIRE Fiber Optic Fusion Splicer



PRODUCT CODE

NTPL-A1-9C

## BASIC PARAMETER

OPTICAL FIBER FUSION SPLICER

<b>Fiber alignment</b>	Core/cladding alignment / Manual alignment	<b>Built-in lighting</b>	easy for night operation
<b>Splicing time</b>	8S	<b>Tension Test</b>	Standard 2N
<b>Heating time</b>	18S	<b>Fiber holders</b>	3 in 1 fiber holder, SM, MM, bare fiber, pigtail, rubber-insulated, multi fiber cable
<b>Heating mode</b>	Automatic heating ( Preheating )	<b>Magnification</b>	300 for X or Y view, 150 for X or Y view
<b>Focus mode</b>	Six motors Auto focus	<b>Screen</b>	5 inch TFT color display
<b>Applicable Fibers</b>	SM(G.652&G.657)、MM ( G.651 ) 、DS(G.657)、NZDS ( G.655 )	<b>Splicing Mode</b>	Normal / high precision splicing
<b>Splice Loss</b>	0.025dB ( SM ) 、 0.01dB ( MM ) 0.04dB ( DS/NZDS )	<b>Splicing record storage</b>	Synchronize to the phone, the server to cloud storage unlimited
<b>Control technology</b>	Real-time control and calibration of fusion ARC	<b>Built-in battery</b>	7800 mA high-capacity lithium battery, charging time ≤ 3.5 hours, continuous splicing and heating about 200 times
<b>Return loss</b>	Better than 60DB	<b>Power supply</b>	Input AC100-240V 50 / 60HZ, output DC13.5V / 4A, the current power mode can be identified, real-time detection of battery power
<b>Fiber diameter</b>	Cladding Diameter : 80-150μm Coating Diameter : 100-1000μm	<b>Operating Conditions</b>	Temperature -15 ~ +50 °C, humidity: <95% RH (no condensation)
<b>Fiber Cleave Length</b>	Coating less than 250μm : 8-16mm Coating less than 250-1000μm:16mm	<b>Shrinkable tube</b>	Working altitude: 0 ~ 5000m. Resist max. wind speed: ≤ 15m/s 60mm、40mm

# SIZE

OPTICAL FIBER FUSION SPLICER



# SERVICE COMMITMENT

1

If there is quality problem from the date of purchase within three months, **we offer free replacement machine.** The customer bear the out and home shipping cost.

2

Lifetime warranty, lifetime free parts, but these circumstances are not within the scope of this provision.

●Except for the cleaver, Miller clamp, stripping pliers, fiber holders and other tools whose life depends on the frequency of use and the use of the environment.

●Electrodes are consumables, it is termination after the electrodes splicing 3,000 times.

●Battery warranty for one year, it is in free warranty where it is damaged or can not be charged in one year.

# Accessories in the tool box

OPTICAL FIBER FUSION SPLICER



Fiber Cleaver



Spare electrode



Wire stripping pliers



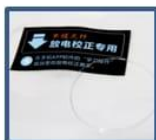
Miller stripper



Hex key



carrying case



Fiber for  
ARC calibration



Strap



Power Adapter



Alcohol Bottle



Brush



User' s manual  
Quality Certificate  
Warranty Card



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