HANDHELD FTTH FIBER FUSION SPLICER

AR-FUSPLICE-CLAD

AR-FUSPLICE-CLAD Fiber fusion splicer is a 4-motor fusion splicer with active V-groove design, it could adjust the fiber position more flexible and accurate, and it has very stable performance even in harsh environment. It is specially designed for FTTx/FTTH projects, it could also be used in heights conveniently.

1. FEATURES

- 1s boot up, 7s splicing, 26s heating
- Specially designed for FTTH projects
- 4 motors active V-groove design
- Small size and light weight, easy to carry
- Touch screen display

Code	Application
AR-FUSPLICE-CLAD	Handheld FTTx Fiber Fusion Splicer

2. PICTURES

4. SPECIFICATION

Parameter	Specification
Applicable fiber	SM(ITU-T G.652),MM(ITU-T G.651),DS(ITU-T G.653), NZDS(ITU-T G.655), EDFA, others(including G.657)
Cladding diameter	80 -150 μ m
Coating diameter	160 – 3000 μ m
Typical splice loss	SM: 0.02dB, MM: 0.01dB, DS: 0.04dB, NZDS: 0.04dB
Return loss	>60dB
Fiber cleaved length	5-16mm (coating diameter < 250um), 16mm (coating diameter:250-1000um)
Splicing program	40 groups
Operate mode	Automatic/Manual
Auto-Heating	Available
Typical splicing time	7 seconds
Typical heating time	26 seconds for 60mm and 40mm shrinkable sleeves
Fiber magnification	320X (X or Y view), 160X (X and Y view)
Display screen	2 CMOS cameras, 4.3 inch color LCD monitor, Touch sreen display
Records storage	8000 groups data
Loss evaluation	Available
Tension test	>2.2N
Interface	GUI menu interface, easy for operation
Battery	5200mAh Li-battery, typical 250 cycles splicing and heating
Power supply	Adapter, input: AC 220±30V(50/60HZ), output:DC 12±2V
Electrodes lifetime	More than 4000 ARC discharges, can be replaced conveniently
Terminals	USB2.0 port, for uploading splicer results and upgrading software
Operating conditions	Altitude: 0-5000m, Humidity: 0-95%, Operating Temperature: -25℃~+50℃, Storage Temperature:
Dimensions	200mm(L) * 123mm(W) * 95mm(H)
Weight	1.66kg (including battery)

5. STANDARD PACKAGE

NO.	ITEM	PICTURE
1	Carrying box	
2	Fiber cleaver	
3	Fiber stripper	
4	Drop cable stripper	
5	Power cord	
6	Adapter	
7	Cooling tray	
8	User manual (USB)	
9	Spare electrodes	
10	Cleaning tool kit	
11	Strap	