Artikelnr: 109-0100

AV6471 Fusion Splicer

Summary:

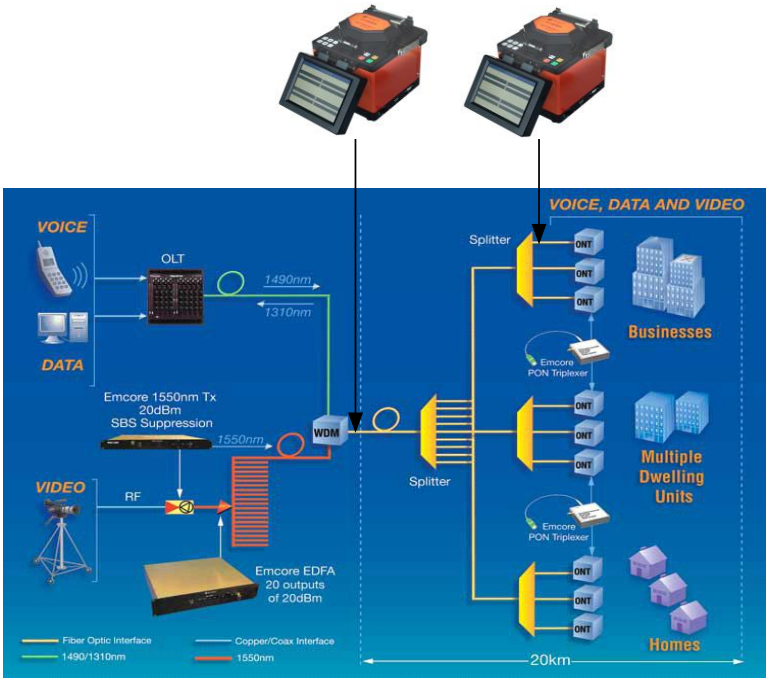
AV6471 is a new designed fiber splicing equipment. The powerful function and super low splicing loss make it be competent for construction of trunk line and FTTX: Because of the compact configuration and precise mechanism, it can adapt to execrable environment; the novel fiber imaging system make the image clearer and more exquisite; the real-time embedded OS provide friendly man-machine interface and abundant functions. The built-in large capacity Li-Ion battery can support long-time fieldwork. The embedded sensors measured temperature, humidity and air pressure supply closed-loop feedback control, so the instrument can adopt all kinds of atrocious circumstance and the consistency of splicing loss was improved.

Main Features:

- New fully-digitalized design;
- Small volume, light weight, only 2.9kg including battery;
- 8 seconds splicing, 30seconds Heat-Shrinking;
- Close shield splice automatically; close heater, heat automatically;
- X/Y axes were displayed meanwhile, Magnification up to 304 times;
- Real time calibrating system for discharging, parameter needn't be adjusted;
- Long Electrode Lifetime, up to 4000 times;
- USB and VGA ports;
- 5.7 inch digital high distinguish LCD;
- Battery capacity was display in real time precisely;
- Built-in high capacity battery, 220 times splicing and heating can be accomplished easily;

Typical Application:

AV6471 Fiber Splicer mainly applied to fiber cable construction, fiber line maintenance, rush repair fiber cable and fiber device produce test.



Typical application for AV6471 Fiber Splicer

Technical Parameter:

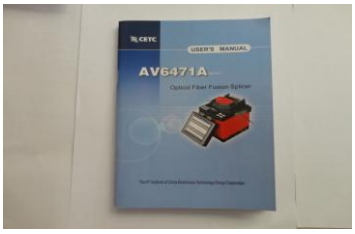
Main Technical Parameter	
Applicable Fiber	SMF(ITU-T G.652), MMF(ITU-T G.651), DSF(ITU-T G.653), NZDSF
Average Splicing Loss	0.02dB(SM), 0.01dB(MM), 0.04dB(DS), 0.04dB(NZDS)
Return Loss	<-60dB
Operation Mode	Auto, Half auto, Manual
Align Mode	Advanced PAS align mode.
Fiber Diameter	clad diameter: 80μm~150μm, coating diameter: 100μm~1000μm
Cleave Length	8~16mm(coating diameter<250μm), 16mm (coating diameter 250~1000μm)
Magnification	Vertical 152times, horizontal 304times.
Image Display	5.7' 640*480 LCD.
Pull Test	Standard 2N (optional).
Heat-Shrinkable Tube	40mm, 60mm and a series of micro Heat-Shrinkable Tubing.
Battery Capacity	Typically splice 220 times, charging for 3.5 hour (available when charge).
Battery Lifetime	Cycle life up to 300~500 times, replaceable.

Electrode Lifetime	>4000 times, replaceable
Lighting for Construction	Built-in super High-brightness LED supply convenience for night work
Ports	USB, VGA
Power Supply	Built in 11.1V Lithium Ion Battery. AC adopter(input AC100~240, output DC13.5V/4.4A)
Environment Adaptation	Temperature range: -10℃~50℃; Humidity: 95%RH(40℃, no condensing); Altitude: 0~5000m
Size	L×W×H＝160×150×140(mm)
Weight	2.3kg(no battery), 2.9kg(include battery)

Packing List

Standard equipment:

No	PICTURE	Description	QTY
1		AV6471 Fiber Splicer	1
2		Fiber Holder FH- 71A-2501	1 Pair(Fixed on the Splicer)
3		AC Power Adapter	1
4		AC Current Cable	1

5		Spare Electrode	1 Pair
6		Dust Blower	1
7		Alcohol Pump	1
8		Cooling Tray	1
9		User's Manual	1
10		Carry Case	1
11		Fiber Cleaver	1

12		Miler Clamp	1
13		Foot Pad for Cooling Tray	1Pair
14		Small Screw Driver	1 Pair

Optional equipment:

No	Picture	Description	Remark
1		Fiber Holder FH- 71A-IN-3.0R	1
2		Fiber Holder FH- 71A-IN	1 Pair
3		Covered Cable Striping Pliers	1

Fusion Splicer Operating Step:

Fusion Splicer Operating Step:	
1 Fiber Cleaving	2 Fiber Installing
	
3 Fiber Fusion Splicing	4 Fiber protect sleeving heating
	

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