

AV6471 Fusion Splicer

Introduction:

AV6471 fusion splicer 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



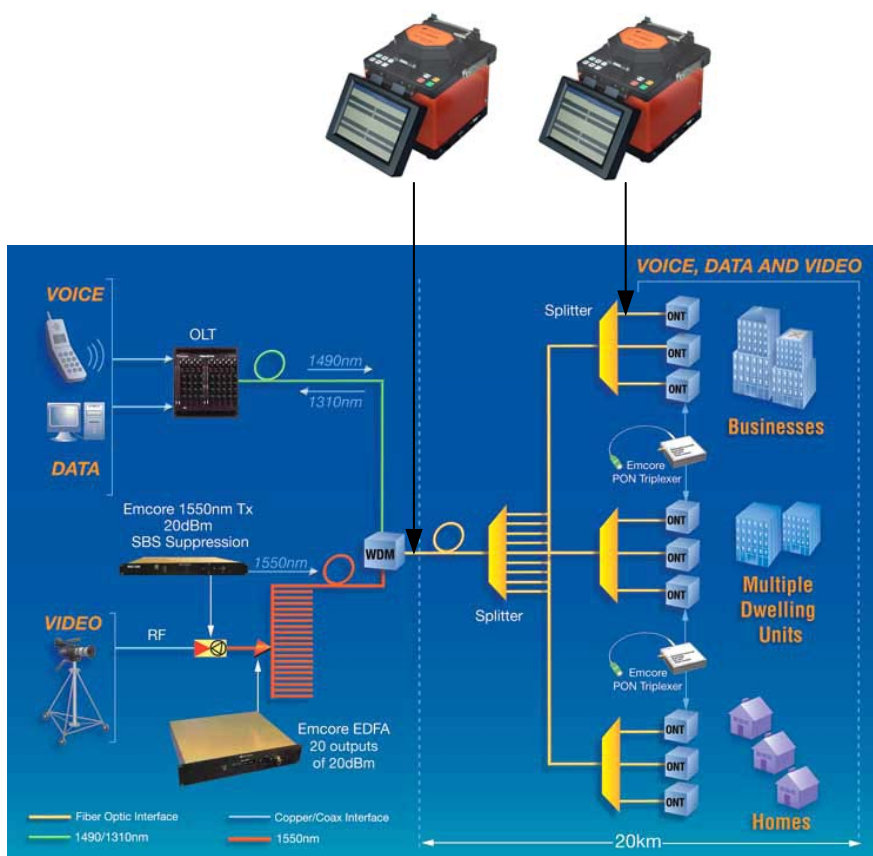
novel fiber imaging system make the image clearer and exquisiter; The real-time embeded OS provide friendly man-machine interface and abundant functions. The built-in large capacity Li-Ion battery can support long-time fieldwork. The embeded sensors measured temperature, humidity and air pressure supply closed-loop feedback control, so the instrument can adopt all kinds' atrocious circumstance and the consistency of splicing loss was improved.

Main Features:

- New fully-digitalized design;
- Small volume, light weight, only 2.8kg include battery;
- 8 seconds splicing, 25 seconds Heat-Shrinking;
- Close shield splice automatically; Close heater, heat automatically;
- X/Y axes were displayed meanwhile, Magnification upto 304 times;
- Real time calibrating system for discharging, parameter needn't be adjusted;
- Long Electrode Lifetime, upto 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 Fusion Splicer mainly applied to fiber cable construction, fiber line maintenance, rush repair fiber cable and fiber device produce test.



Typical application for AV6471 Fusion 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, horizonl 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	Typcally splice 220 times, charging for 3.5 hour(available when charge).

FUSION SPLICER

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 adpoter(input AC100~240, output DC13.5V/4.5A)
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), 2.8kg(include battery)

Indent Information:

Main body: AV6471 Fusion Splicer

Standard equipment:

Key	Description	QTY
1	AV6471 Fusion Splicer	1
2	AC power adpoter	1
3	AC current cable	1
4	Standby electrode	1
5	Blower brush	1
6	Bottle with siphon	1
7	Fiber bracket	1
8	User's manual	1
9	Luxury tote kit	1
10	Fiber Cleaver	1
11	Li-Ion battery	1

Optional equipment:

Key	Description	Remark
1	Fiber Cleaver	AV33012
2	Li-Ion battery	11.1/10AH
3	Tool kit	/