

**NEW**

**FUJIKURA 35S**



*Single Fiber Fusion Splicer*

***Fujikura 35S***

*Active V-groove Alignment*

**Features**

- Active V-groove Alignment
- Fast splicing time 6sec.
- Touch panel with easy operation
- Simple lightweight carrying case for good mobility

 **Fujikura**

# Specifications

## Fujikura 35S Fusion Splicer

### Specifications

PARAMETER		VALUE
Fiber alignment method		Active cladding alignment
Fiber count can be spliced		Single fiber
Applicable fiber	Fiber type	Single mode optical fiber Multi mode optical fiber
	Cladding dia.	Approx. 125 $\mu$ m
Applicable coating	Sheath Clamp	Coating diameter: Max. 3,000 $\mu$ m Cleave length: 5 to 16 mm *1
	Fiber Holder	Coating diameter: 160 $\mu$ m – 3,000 $\mu$ m based on available fiber holder options Cleave length: Approx. 10 mm
Fiber splice performance	Splice loss*2	ITU-T G.652: Avg. 0.03dB
		ITU-T G.651: Avg. 0.01dB
ITU-T G.653: Avg. 0.05dB		
ITU-T G.655: Avg. 0.05dB		
ITU-T G.657: Avg. 0.03dB		
Splicing time*3	SM FAST mode: Avg. 6 to 7 sec.	
	SM AUTO mode: Avg. 8 to 10sec.	
Applicable protection sleeve	Sleeve type	Heat shrinkable sleeve
	Sleeve length	Max. 66 mm
	Sleeve dia.	Max. 6.0 mm before shrinking
Sleeve heat performance	Heat time*4	60 mm mode: Avg. 15 to 22sec.
		60 mm slim mode: Avg. 15 to 17sec.
Fiber tensile test force		Approx. 2.0 N
Electrode life*5		Approx. 6,000 splices
Physical description	Dimensions W	Approx. 131 mm without projection
	Dimensions D	Approx. 123 mm without projection
	Dimensions h	Approx. 121 mm without projection
	Weight	Approx. 1.4 kg including battery
Environmental condition	Temperature	Operate : -10 to 50oC Storage : -40 to 80oC
		Operate : 0 to 95% non-condensing Storage : 0 to 95% non-condensing
	Altitude	Max. 5,000 m
AC adaptor	Input	AC100 to 240V, 50/60Hz, Max. 1A
	Output	Approx. DC 19V, Max. 2.1A
Battery pack	Type	Rechargeable Lithium Ion
	Output	Approx. DC14.4V / 3,190mAh
	Capacity *6	60 mm heat mode: Approx. 200 splice & heat cycles
		60 mm slim heat mode: Approx. 230 splice & heat cycles
	Temperature	Operate: -10 to 50°C
Recharge : 0 to 40°C		
Short term storage of 30 days: -20 to 50°C Long term storage: -20 to 30°C		
Battery life*7	Approx. 500 recharge cycles	
Display	LCD monitor	TFT 4.95 inches with touch screen
	Magnification	Approx. 132 to 300X
Illumination	V-grooves	LED lamp
Interface	PC	USB 2.0 MINI B type
	External LED lamp	USB 2.0 A type Approx. DC5V, 500mA

# Specifications

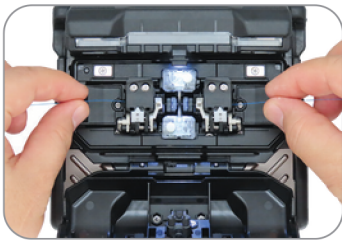
## Fujikura 35S Fusion Splicer

### Specifications

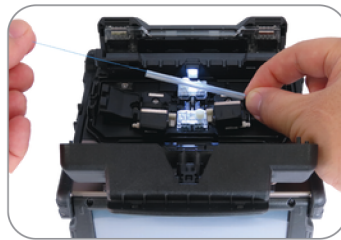
PARAMETER	VALUE	
Data storage	Splice mode	100 splice modes
	Heat mode	30 heat modes
	Splice result	20,000 splices
	Fiber image	100 images
Other features	Automatic functions	Fusion control
		Splice start
		Heater start
	Reference guide	PDF file stored on splicer
	Sheath clamp	Open with/without wind protector
		Close when setting fiber
	Electrode	Easy sleeve positioning design
PC Software	Tool-less replacement	
	Splicer firmware update via internet Parameter Upload and download	

## Fujikura 35S Fusion Splicer

### Features



Simultaneous Fiber Loading



Sleeve Positioning



CT-16 with AD-16A Adapter



Standar Kit



Please visit our web site!

<https://www.fusionsplicer.fujikura.com>

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