



Fusion Splicer 33S

Active V-Groove Alignment

Savitri Telecom introduces the Fujikura 33S Fusion Splicer - a game-changer in network connectivity. Precision, speed, and durability converge in this cutting-edge solution, setting new standards for splicing technology. Its intuitive touchscreen interface simplifies operations, ensuring flawless connections in record time. With simultaneous fiber processing, speedy heating, and a user-friendly design, the 33S enhances efficiency and reliability. Featuring a movable LCD monitor, removable battery, and compact footprint, it offers convenience without compromise. Streamline your splicing process with the Fujikura 33S and experience seamless connectivity wherever you go.

Key Features

- **Simultaneous Fiber Processing:** Capable of processing fibers simultaneously through preparation, stripping, cleaving, and setting.
- **Speedy Heating:** Faster heating times facilitate quicker splicing.
- **User-Friendly Design:** Designed with an intuitive interface for straight forward operation.
- **Movable LCD Monitor:** Features a movable LCD monitor for enhanced convenience during splicing.
- **Removable Battery:** Ensures uninterrupted usage with an easily replaceable battery.
- **Compact Footprint:** Maintains top performance with a smaller size, saving space.
- **Efficient Fiber Transport:** Streamlines the splicing process by reducing fiber transportation time.
- **Included Carrying Case:** Comes with a carrying case (CC44) for easy transport and protection.

33S Standard Package

Item	Model	Qty
Clad Alignment Fusion Splicer	33S	1 pc
(1) Battery Pack*	BTR-17	1 pc
(2) AC Adapter	ADC-21	1 pc
(3) AC Power Cord	ACC-08, 09, 10, 11 or 12	1 pc
(4) USB Cable	USB-01	1 pc
(5) Electrodes, for Spare	ELCT2-16B	1 pair
(6) Carrying Case	CC-44	1 pc
(7) PC Setting Guide	SG-09-E	1 pc
(8) Warning and Cautions	WAC-02-E	1 pc
(9) Splice Test Report		1 pc
(10) Instruction Manual	M-CT16-E	1 pc

* Please follow IATA regulation when shipping the battery by air.

33S Options

Item	Model	Remark
Fiber holder	FH-70-200	200µm Coating Diameter
	FH-70-250	250µm Coating Diameter
	FH-70-900	900µm Coating Diameter
	FH-FC-20	900µm in 2mm Diameter Cable
	FH-FC-30	900µm in 3mm Diameter Cable
Sheath Clamp	CLAMP-S35B	900µm Loose Buffer Cable
Fiber Holder Set Plate	SP-04	Fiber Holder Set Base
Transfer Clamp	CLAMP-DC-12	Transferring Drop Cable on Work Tray
Protection Sleeves	FP-03	60mm, Max. 900µm Coating Diameter
	FP-03(L=40)	40mm, Max. 900µm Coating Diameter

Specifications

Item		Specification
Fiber Alignment Method		Active Clad Alignment
Fiber count that can be spliced		Single Fiber
Applicable Fiber	Fiber Types	Single Mode Optical Fiber Multi-Mode Optical Fiber
	Cladding Diameter	Approx. 125µm
Applicable Coating	Sheath Clamp	Coating Diameter Max. 3000µm
		Cleave Length: 5 to 16mm
Fiber Splice Performance	Splice Loss	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
	Splice Time	SM FAST mode: Avg. 6 to 7sec.
Applicable Protection Sleeves	Sleeve Type	Heat Shrinkable Sleeves
	Sleeve Length	Max. 66mm
	Sleeve Diameter	Max. 6.0mm before Shrinking
Sleeve Heat Performance	Heat Time	60mm mode: Avg. 15 to 22sec.
		60mm Slim Mode: Avg. 15 to 17sec.
Fiber Tensile Test Force		Approx. 2.0N
Electrode Life		Approx. 6,000 Splices
Physical description	Dimensions W	Approx.131mm without Projection
	Dimensions D	Approx. 123mm without Projection
	Dimensions H	Approx.121mm without Projection
	Weight	Approx. 1.4kg including Battery
Environmental Condition	Temperature	Operate: -10 to 50 °C
		Storage: -40 to 80 °C
	Humidity	Operate: 0 to 95% RH Non-condensing
		Storage: 0 to 95%RH Non-condensing
	Altitude	Max. 5000m
AC Adaptor	Input	Ac100 to 240V, 50/60Hz, Max. 1A
Battery Pack	Type	Rechargeable Lithium Ion
	Output	Approx. DC14.4V, 3190mAh
	Capacity	60mm mode: Approx. 200 Splice and Heat Cycles
		60mm Slim Mode : Approx. 230 Splice and Heat Cycles
	Temperature	Recharge: 0 to 40 °C
		Long Term Storage: -20 to 30 °C
Battery Life	Approx. 500 Recharge Cycles	

Specifications

Display	LCD Monitor	TFT 4.95 Inches with Touch Screen
	Magnification	Approx. 132 to 300x
Illumination	V-Grooves	LED Lamp
Interface	PC	USB2.0 Mini B type
	External LED Lamp	USB2.0 A type Approx. DC5V, 500mA
Data Storage	Splice Mode	100 Splice Modes
	Splice Image	100 Images
	Heat Mode	30 Heat Modes
	Splice Result	20,000 Splices
Screw Hole for Tripod		1/4-20UNC
Other Features	Reference Guide	PDF File Stored in Splicer
	Sheath Clamp	Open With/Without Wind Protector
		Close with Fiber Setting
		Easy Sleeve Positioning Clamp
	Electrode	Replaceable Without Tool



Quality Testing

Our products undergo rigorous quality testing before shipment to ensure their excellence.



Packaging

We meticulously package our products to guarantee they arrive at their destination in pristine condition.



Transport

We prioritize swift transportation, minimizing your waiting time to receive your order promptly.



Delivery

Our delivery service is designed to bring the products you've ordered directly to your doorstep, tailored to your specific preferences.