

Core Alignment Fusion Splicer 66S+

Designed to keep you going



The 66S+ Core Alignment Fusion Splicer is equipped with PAS (Profile Alignment System) for precise core to core fiber alignment for consistent low splice loss and accurate splice loss estimation regardless of fiber type or quality. The Fujikura 66S+ has a special feature of, "easy sleeve positioning" for quicker splicing cycle. It equips a 4.9 inches size LCD monitor with touch screen. Fujikura 66S+ design, compact size and light weight enables it to carry it and use it in various environment conditions.

Key Features

- Active core alignment
- Splice Time: 7 sec
- Heating Time: 25 sec.
- Advanced image processing technology.
- Li-Ion battery with 300 splices/shrinks per charge.
- Easy fiber protection sleeve positioning.
- 20,000 splice result storage.
- 4.9 inch color TFT touch screen display.
- Dimensions of measurement: 170W x 173D x 150H mm.
- Internet software upgrades.
- User friendly, compact and lightweight carrying case.
- Accurate loss estimation.

66S+ Standard package

Item	Model	Qty
Core Alignment Fusion Splicer	66S+	1 pc
Battery Pack ^{*2}	BTR-15	1 pc
AC Adapter	ADC-20	1 pc
AC Power Cord	ACC-15	1 pc
USB Cable	USB-01	1 pc
Fusion splicer strap	ST-02	1 pc
Electrodes (spare)	ELCT2-16B	1 pair
Fiber holder set plate	SP-03	1 pair
Carrying case	CC-38	1 pc
Alcohol dispenser	AP-02	1 pc
Quick reference guide	QRG-05-E	1 pc
Single fiber stripper	SS03	1 pc
Optical fiber cleaver	CT-08	1 pc
Fiber scrap collector	FDB-04	1 pc
Fiber setting plate	AD-50	1 pc
Instruction manual	M-CT08-E	1 pc

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66S+ 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-70-160	160µm coating diameter
	FH-70-500	500µm coating diameter
	FH-60-DC250	250µm in drop wire cable
	FH-FC-20	900µm in 2mm diameter cable
	FH-FC-30	900µm in 3mm diameter cable
	FH-60-LT900	900µm loose buffer cable
DC Adapter	DCA-03	Connect AC adapter not through battery
DC power cord	DCC-20	Car cigar socket to BTR-15/DCA-03
	DCC-21	Car battery to BTR-15/DCA-03
J-plate	JP-10	Attaching to splicer, not to work tray
	JP-10-FC	JP-10 with fiber clamps
Protection sleeve	FP-03(L=40)	40mm Max. 900µm coating diameter
	FP-03M	FP-03 with non-magnetic material

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Specifications

Item		Specification
Fiber alignment method		Active core alignment
Fiber count can be spliced		Single fiber
Applicable fiber	Fiber type	SMF(G.652/657), MMF(G.651), DSF(G.653),NZDSF(G.655)
	Cladding dia.	80 to 150µm
Applicable coating	Sheath clamp	Coating dia.: Max. 3,000µm
		Cleave length : 5 to 16mm
Fiber splice performance	Splice loss	ITU-T G.652 : Avg. 0.02dB
		ITU-T G.651 : Avg. 0.01dB
		ITU-T G.653 : Avg. 0.04dB
		ITU-T G.654 : Avg. 0.04dB
		ITU-T G.655 : Avg. 0.04dB
		ITU-T G.657 : Avg. 0.02dB
Applicable protection sleeve	Splice time	Typical 7sec.
	Sleeve type	Heat shrinkable sleeve
	Sleeve length	Max. 66mm
Sleeve heat performance	Sleeve dia.	Max. 6.0mm before shrinking
	Heat time	60mm mode: typical 25sec.
Fiber tensile test force		Approx. 2.0N
Electrode life		Approx.5,000 splices
Physical description	Dimensions(mm)	170W x 173D x 150H without projection
	Weight	Approx. 2.7kg 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		
AC adaptor	Altitude	Max. 5,000m
	Input	AC100 to 240V, 50/60Hz, Max. 1.5A
DC adaptor	Output	Approx. DC 12V, Max.7A
	Input	DC10 to 15V, Max.7A
Battery pack	Type	Rechargeable Lithium Ion
	Output	Approx. DC14.4V / 6,380mAh
	Capacity	Approx. 300 splice and heat cycles
	Temperature	Operate : -10 to 50 degreeC
		Recharge : 0 to 40 degreeC
		Storage : -20 to 30 degreeC
Battery life	Approx. 500 recharge cycles	

Specifications

Display	LCD monitor	TFT 4.9 inches with touch screen
	Magnification	200 to 320x
Illumination	V-grooves	LED lamp
Interface	PC	USB2.0 Mini B type
	External LED lamp	USB2.0 A type Approx. DC5V, 500mA
	Ribbon Stripper	Mini DIN 6pin DC12V, Max. 1A
Data storage	Splice mode	100 splice modes
	Heat mode	30 heat modes
	Splice result	20,000 splices
	Splice image	100 images
Other features	Automatic functions	Splice mode select by fiber type analysis
		Fusion control
		Wind protector : open and close
		Sheath clamp : open
		Splice start
		Heater start
	Special splice	Attenuation splice
	Reference guide	Video and PDF file stored in splicer
	Sheath clamp	Easy sleeve positioning clamp
	Electrode	Replaceable without tool
	Software for PC	Splicer firmware update via internet
		Parameter upload and download
Operating splicer with PC		
Splice image download to PC		