



High Definition Core Aligning
fusion splicer

TYPE-82C+

Powered by



NanoTune™
Enhanced splice experience



SumiCloud™

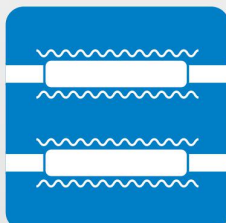


Dependable

Splicing 5s/Heating 8s/Splice loss 0.01dB



Preventive
Maintenance



Dual speed
high heating



Proven field
toughness



Long life
battery

Specifications

Items	TYPE-82C+
Optical fiber requirements	Material
	Fiber count / Profile types
	Fiber diameter
	Cleave length
Standard performance	Splice loss (typical)*1
	Return loss (typical)
	Splice time (typical)
	Heating time (typical)
	Splice & Heat cycles per battery full charge*2
	Fiber view & magnification
Programs	Proof test
	Applicable protection sleeve
	Splice programs
	Heating programs
Functions	Splice image capture / Splice data storage
	Attenuation splicing
	Universal clamps
	Reversible coating clamps
	Dual automatic independent ovens
	User-selectable oven clamp operation
	Onboard user training video
	Automatic fiber identification
	Automatic arc calibration
	Display of remaining Splice & Heat cycles
Size / Weight	Wireless LAN connectivity (Option)*3
	Size
	Weight
	Monitor
Terminals	DC output
	USB port
	Storage media
Power supply	AC input
	DC input
	Battery pack
Operating condition	
Storage condition	
Electrode life *4	
Software updates	
Data management	

*1 : Average value of the final inspection in room temperature with Sumitomo identical fiber. Measured by cut-back method relevant to ITU-T and IEC standards.

*2 : Splice & Heat cycles may vary depending on the battery status and the operating environment.

*3 : Wireless LAN connectivity is not available in all countries. For more details, please refer to our Web site. <https://global-sei.com/sumitomo-electric-splicers/asia/products/sumicloud/>

*4 : Achieved in lab condition. Electrode life may vary depending on the operating environment.

Environmental Durability*

Test details
Shock resistance
Impact resistance
Water resistance
Dust resistance

*Splicer operation after shock, impact, water or dust tests, was confirmed under battery power, by Sumitomo.
Does not guarantee the product will not be damaged by these conditions.

Basic Accessories

Part name	Part No.	Qty.
AC adapter	ADC-16 series	1 pc
AC power cord	PC-AC<X>*	1 pc
Cooling tray	—	1 pc
Spare electrode	ER-10	1 pair
Quick reference guide	—	1 pc
Carrying case with worktable	CC-82	1 pc
Hand strap	—	1 pc
USB cable	—	1 pc

*X=2(USA), 3(EU), 4(JP), 5(UK/HK), 8(CHINA), 9(INDIA), 10(BRAZIL)

Items listed in Basic Accessories are always included with the splicer body. Overall kit content may vary regionally. Please check with your local authorised reseller to confirm kit content in your region.



Carrying case with worktable
CC-82



Handy cleaver
FC-8R series



Table-top cleaver
FC-6 / FC-6R series



Jacket remover
JR-M03



Compatible with
Lynx-CustomFit™
Splice-on Connector



Electrode
ER-10

Accessories

Part name	Part No.	Remarks
Accessories for Splicer	SumiCloud Card	WLS-D series
	FHS-025	For SumiCloud™ connection
	FHS-09	For φ0.25mm single fiber
	FHS-025/LB5	For φ0.9mm single fiber
	FHD-1	For 0.9mm loose buffered single fiber
	ISM-ST	For drop/indoor cable (Cable size : typical 2.0 x 3.1 or 2.6mm)
	FHC-3	For indoor cable (Cable size : typical 1.6 x 2.0mm)
	BU-16	For 3mm cable
	BC-16	Li-ion 6,400mAh
	PCV-16	—
Accessories	Car battery cable	For car battery operation (cigarette socket type)
	V-groove cleaning brush	VG-2
	Brush for cleaning V-groove	—
	Electrode	ER-10
	Handheld fiber cleaver	FC-8R-FC
	Automatic blade rotation cleaver with cleave counter	FC-8R-F
	Fiber cleaver	FC-6S-C
	Table-top high precision cleaver	FC-6RS-C
	Automatic blade rotation cleaver	—
	Jacket remover	JR-M03
Accessories	Jacket remover for single fiber	—
	Loose tube cutter	LTC-01
	Alcohol dispenser	HR-3
	—	—
	Fiber protection sleeve	FPS-1
Accessories	60mm, diameter after shrink approx. φ3.2mm	FPS-40
	40mm, diameter after shrink approx. φ3.2mm	FPS-61-2.6
	61mm, diameter after shrink approx. φ2.6mm	—

Sumitomo Electric Industries, Ltd.

Tokyo (Japan)

Sumitomo Electric Industries, Ltd.

Akasaka Center Building, 1-3-13, Motoakasaka,
Minato-ku, Tokyo, 107-8468, JAPAN
TEL: +81-3-6406-2666
<http://global-sei.com/sumitomo-electric-splicers/>

Gurgaon (India)

SEI Trading India Pvt. Ltd.

802, Vatika City Point, M.G. Road,
Gurgaon 122002, Haryana, India
TEL: +91-124-4577470
<http://www.sumitomosplicers.in/>

Candid Optronix Pvt Ltd

A-129/2, Nirankri Colony, Delhi-9 (India)
TEL: +91-11-2704-4633, 2760-3010
Email: sales@optronix.in
<https://www.optronix.in>

Please contact us Mail to : rs-inquiry-smi@ist.sei.jp

■ Specifications are subject to change without prior notice.

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