

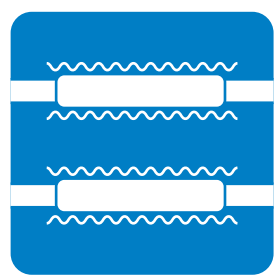
Wireless LAN enabled
Direct Core Monitoring Fusion Splicer

TYPE-71C+



Rapid, Elite, Connected

Faster Splicing 6sec / Heating 14sec
Splicing loss SMF 0.01dB(Typical)



Fully Optimized
Two Independent
Heaters for
High Productivity



Wireless LAN
Connectivity & Useful
Smart Phone App



Touch Screen
Control Panel



Durable & Rugged

Specifications

Items		TYPE-71C+
Optical fibre requirements	Material	Silica glass
	Fibre count / Profile types	Single / SMF(G.652), MMF(G.651), DSF(G.653), NZDSF(G.655), BIF(G.657), EDF
	Fibre diameter	Cladding diameter : 80 - 150µm, Coating diameter : 100 - 1,000µm
	Cleave length	5 - 16mm with coating clamp
Standard performance	Splice loss (typical)*1	SMF : 0.01dB, MMF : 0.01dB, DSF : 0.03dB, NZDSF : 0.03dB
	Return loss (typical)	60dB or greater
	Splice time (typical)	6sec(SM G652 Quick Mode), 7sec(SM G652 Std. Mode), 8sec(Auto Mode)
	Heating time (typical)	14sec (FPS-61-2.6 sleeve, Slim 60mm Quick Mode)
	Splice & Heat cycles per battery full charge*2	Approx. 230 (BU-11)
	Fibre view & magnification	2 CMOS cameras observation, 320X (zoom : 700X) for X or Y single axis view, 88X for both X & Y dual axis view
Proof test		1.96 - 2.09N
	Applicable protection sleeve	60mm, 40mm & Sumitomo Nano sleeves
Programs	Splice programs	Max. 300, 74 are pre-optimised, 226 editable by user
	Heating programs	Max. 100, 24 are pre-optimised, 76 editable by user
Functions	Splice image capture / Splice data storage	200 images / 10,000 splice data (internal memory only) 50,200/20,000 (with 8GB SD card)
	Attenuation splicing	0.1dB to 15dB in 0.1dB increments
	Universal clamps	Provided, 250µm, 900µm tight & loose buffer fibre
	Reversible coating clamps	Provided
	Dual automatic independent heaters	Provided
	User-selectable heater clamp operation	Provided
	Onboard user training video	Provided
	Automatic fibre identification	SMF / MMF / DSF / NZDSF / BIF / Other
	Automatic arc calibration	Automatically compensates for environmental condition changes
	Display of remaining Splice & Heat cycles	Provided (Battery mode)
Wireless LAN connectivity (Option)*3		Provided
Size / Weight	Size	120(W) x 154(D) x 130(H) mm (without anti-shock rubber)
	Weight	1.8kg (without Battery) / 2.0kg (with Battery BU-11S) / 2.1kg (with Battery BU-11)
	Monitor	4.1" touch screen color LCD display
Terminals	DC output	DC 12V (for JR-6)
	USB port	USB 2.0 (mini-B type)
	Storage media	SD / SDHC memory card MAX32GB
Power supply	AC input	AC 100 - 240V, 50/60Hz (ADC-1430S)
	DC input	DC 10 - 15V
	Battery pack	Li-ion 11.1V, 2,300mAh (BU-11S) / Li-ion 11.1V, 4,600mAh (BU-11)
Operating condition		Altitude : 0 - 6,000m, Temperature : -10 - +50°C, Humidity : 0 - 95% (non-condensing), Wind velocity : up to 15m/sec
Storage condition		Temperature : -40 - +80°C, Humidity : 0 - 95% (non-condensing), Battery : -20 - +30°C (long term)
Electrode life *4		6,000 arc discharges
Software updates		Internet
Data management		Can be stored, edited and analyzed by dedicated PC software

*1 : Average value of the final inspection in room temperature with Sumitomo identical fibre. 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. <http://global-sei.com/sumitomo-electric-splicers/>

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

Environmental Durability*

Shock resistance	Test details
Shock resistance	Drop from 76cm on 5 faces (excluding top face)
Water resistance	Equivalent to IPX2 (Operates normally after being exposed to water dripping at 3mm/min, for at least 2.5 min on each of 4 surfaces tilted at 15°)
Dust resistance	Equivalent to IP5X (Operates normally after 8 hours in a dust chamber containing dust of particle size 75µm or below)

*Confirms the battery operation in tests carried out by Sumitomo. Does not guarantee that the product is free of faults or damage.

Basic Accessories

Part name	Part No.	Qty.
AC adapter	ADC-1430S	1 pc
AC power cord	PC-AC<X>*	1 pc
Cooling tray	—	1 pc
Spare electrode	ER-10	1 pair
Operating CD manual	—	1 pc
Quick reference guide	—	1 pc
Carrying case with worktable	CC-71+	1 pc
Hand strap	—	1 pc
USB cable	—	1 pc

*X=2(USA), 3(EU), 4(JP), 5(UK), 6(AUS), 7(South Africa)

At least, the above basic accessories come with splicer main body. Some additional accessories may be or may not be included as a splicer standard kit contents. The standard splicer kit contents varies in each region/country. Please ask details to your nearest distributors.

Accessories

Part name	Part No.	Remarks	
Accessories for Splicer	Wireless LAN SD card	WLSD-0208 For SumiCloud™ connection	
	Fibre holder	FHS-025	For φ0.25mm single fibre
		FHS-09	For φ0.9mm single fibre
		FHS-025/LB5	For 0.9mm loose buffered single fibre
		FHD-1	For drop/indoor cable (Cable size : typical 2.0 x 3.1 or 2.6mm)
		15M-ST	For indoor cable (Cable size : typical 1.6 x 2.0mm)
	FHC-3	For 3mm cable	
	Battery pack	BU-11/11S	Li-ion 4,600mAh BU-11, 2,300mAh BU-11S
	Battery Charger	BC-11	—
	Car battery cable	PCV-11	For car battery operation (cigarette socket type)
V-groove cleaning brush	VGT-2	Brush for cleaning V-groove	
Electrode	ER-10	—	
Accessories	Handheld fibre cleaver	FC-7R-F	Automatic blade rotation cleaver
		FC-7M-F8	—
	Fibre cleaver	FC-6S-C	Table-top high precision cleaver
		FC-6RS-C	Automatic blade rotation cleaver
	Jacket remover	JR-M03	Jacket remover for single fibre
	Loose tube cutter	LTC-01	—
	Alcohol dispenser	HR-3	—
	Fibre protection sleeve	FPS-1	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



Carrying case with worktable CC-71+



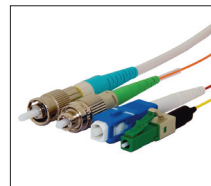
Table-top cleaver FC-6 / FC-6R series



Handy cleaver FC-7 / FC-7R series



Jacket remover JR-M03



Available for Lynx-Custom Fit™ Splice-On Connector



Electrode ER-10

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>

London (U.K.) Sumitomo Electric Europe Ltd.

220 Centennial Park, Centennial Avenue, Elstree, Herts. WD6 3SL, U.K.
TEL : +44 20-8953-8118
<http://www.sumielelectric.com/>

Dubai (U.A.E.) Middle east office

Dubai Airport Free Zone Phase 4WA, Office 702 P.O. Box 54890, Dubai, U.A.E.
TEL : +971 4-701-7338

Melbourne (Australia) SWS Australia Pty. Limited

Oceania representative office
23 Scanlon Drive, Epping, Victoria, 3076, AUSTRALIA
TEL : +61 3-8401-2800