

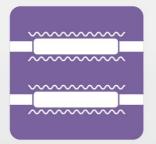


Ribbon fibre splicer

TYPE-82M12



Industry only dual independent ovens



Dual independent ovens Reduce your work time for productivity



Splicing 11s Heating 25s



Realises splice loss 0.05dB



Touch optimised user interface and high resolution display

Material Material Silica glass Single / SMF(G652), MMF(G651), DSF(G653), NZDSF(G655), BIF(G657) Sirgle / SMF(G652), MMF(G651), DSF(G653), NZDSF(G655), BIF(G657) SMF(G657) S	Specificatio	ns		
Profile types Fibre count 1, 2, 4, 5, 6, 8, 10, 12 125 1	Items		TYPE-82M12	
Profile types Fibre count 1, 2, 4, 5, 6, 8, 10, 12	The state of the s	Material	Silica glass	
Diptical fibre requirements Cladding diameter 1525 m Single fibre coating dia: 200 µm, 250 µm, 500 µm, 900 µm Single fibre coating dia: 200 µm, 250 µm, 500 µm, 900 µm Single fibre coating dia: 200 µm, 250 µm, 500 µm, 900 µm Single fibre coating dia: 200 µm, 250 µm, 500 µm, 900 µm Single fibre coating dia: 200 µm, 250 µm, 900 µm Single fibre coating dia: 200 µm, 250 µm, 900 µm Single fibre coating dia: 200 µm, 250 µm, 900 µm Single fibre coating dia: 200 µm, 250 µm, 900 µm Single fibre coating dia: 200 µm, 250 µm, 900 µm Single fibre coating dia: 200 µm, 250 µm, 900 µm Single fibre coating dia: 200 µm, 250 µm, 900 µm Single fibre coating dia: 200 µm, 250 µm, 900 µm Single fibre coating dia: 200 µm, 900 µm Single fibre should prove a specific provided Single fibre (spit) quite dia: 200 µm Single fibre should provided Single fibre holders system Single f		Profile types		
Calading diameter 125µm Ribbon fibre thickness: 200-400µm 900µm Ribbon fibre thickness: 200-400µm Ribbon fibre thickness: 200-		Fibre count		
Coating diameter Ribbon fibre thickness; 200-400µm, 900µm, 900µm Applicable cable Cleave length Drop cable(2.0mm×3.1,or2.6mm), Indoor cable(2.0mm×1.6mm) Omm		Cladding diameter		
Cleave length Splice loss (typical) " Splice time (typical) Heating time (typical) Fibre view and magnification Proof test Applicable protection sleeve Applicable protection sleeves Applicable protection s		Coating diameter		
Splice loss (typical) *i Splice time (typical)		Applicable cable	Drop cable(2.0mm×3.1,or2.6mm), Indoor cable(2.0mm×1.6mm)	
Splice loss (typical) *i Splice time (typical)				
Splice time (typical)		The Annual Control of the Control of	SMF 0.05dB, MMF 0.02dB, DSF 0.08dB, NZDSF 0.08dB	
Heating time (typical) Spice & heat cycles per battery full charge ** Approx 220 2 CMOS cameras observation, 23X (zoom 46X) 196-2.09 N 1		the state of the s	The state of the s	
Splice & heat cycles per battery full charge ** Proof test	Character 1			
Fibre view and magnification Proof test Applicable protection sleeve Applicable protection sleeve Applicable protection sleeve Programs Programs Splice programs Heating programs Automatic fibre count detection Automatic arc calibration Automatic arc calibration Display of remaining Splice & Heat cycles Onboard user training video Wireless LAN connectivity (Option)** Size / Weight Monitor Terminals Power supply Power supply Power supply Poperating condition Action Acti				
Programs Applicable protection sleeve 60mm, 40mm & Sumitomo Electric nano sleeves Programs Splice programs Max 300 Max 100 M	performance			
Programs Splice programs Heating programs Max 300 Max 100				
Programs Splice programs Heating programs Max 300		Applicable protection sleeve	60mm, 40mm & Sumitomo Electric nano sleeves	
Heating programs			Max 300	
Splice image capture / Splice data storage Automatic fibre count detection Automatic arc calibration Reversible fibre holder system Dual automatic independent heaters User-selectable heater clamp operation Display of remaining Splice & Heat cycles Onboard user training video Wireless LAN connectivity (Option) ** Size / Weight Terminals DC output USB port Storage media AC input AC input AC input DC input Battery pack Operating condition Automatically compensates for environmental condition changes Provided P	Programs		Max 100	
Automatic fibre count detection Automatic arc calibration Automatic arc calibration Automatic arc calibration Automatic independent heaters Dual automatic independent heaters User-selectable heater clamp operation Display of remaining Splice & Heat cycles Onboard user training video Wireless LAN connectivity (Option) **3 Size Size 128 (W) x 154 (D) x 130 (H) mm (without anti-shock rubber) 1.7kg(without Battery) / 2.0kg(with Battery BU-16) Monitor 5.0" touch screen color LCD display DC output DC 12V (for JR-6+) Storage media SD/SDHC memory card MAX32GB AC input DC input Battery pack AC 100-240V, 50/60Hz (ADC-16) DC input Battery pack Li-ion 10.8V, 6400mAh (BU-16) Operating condition Altitude: 0-3,660m, Temparature: -10-50°C, Humidity: 0-95%(non-condensing), Wind velocity: up to 15m/sec Software updates Internet			200 images / 10,000 splice data (internal memory only) 50,200 images / 20,000 splice data (with 16GB SD card)	
Reversible fibre holder system Dual automatic independent heaters User-selectable heater clamp operation Display of remaining Splice & Heat cycles Onboard user training video Wireless LAN connectivity (Option) *3 Size Size / Weight Weight Monitor Terminals DC output USB port Storage media AC input AC input DC input Battery pack AC input DC input Battery pack Battery pack Altitude: 0-3,660m, Temparature: -10-50°C, Humidity: 0-95%(non-condensing), Wind velocity: up to 15m/sec Storage software updates Reversible fibre holder system Provided Provided Provided (Battery mode) Provided Pro				
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Onboard user training video Wireless LAN connectivity (Option) *3 Size Size 128 (W) x 154 (D) x 130 (H) mm (without anti-shock rubber) 1.7kg(without Battery) / 2.0kg(with Battery BU-16) Monitor DC output DC output DC 12V (for JR-6+) USB port Storage media AC input AC 100-240V, 50/60Hz (ADC-16) Power supply DC input Battery pack DC 10-15V, 7.5A Battery pack Altitude: 0-3,660m, Temparature: -10-50°C, Humidity: 0-95%(non-condensing), Wind velocity: up to 15m/sec Temparature: -40-80°C, Humidity: 0-95%, Battery: -20-30°C(long term) Electrode life *4 Software updates Provided 1.28 (W) x 154 (D) x 130 (H) mm (without anti-shock rubber) 1.7kg(without anti-shock rubber) 2.0kg(with Battery BU-16) Spleading 1.7kg(without anti-shock rubber) 1.7kg(without anti-shock rubber) 2.0kg(with Battery BU-16) Monitor 1.7kg(without anti-shock rubber) 1.7kg(without anti-shock rubber) 2.0kg(with Battery BU-16) Monitor 1.7kg(without Battery) / 2.0kg(with Battery BU-16) 1.7kg(without Battery BU-16) 1.7kg(without Battery PU-16) 1.7kg(without Battery BU-16) 1.7kg(without		User-selectable heater clamp operation	Provided	
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Battery pack Ci-ion 10.8V, 6400mAh (BU-16) Altitude: 0-3,660m, Temparature: -10-50°C, Humidity: 0-95%(non-condensing), Wind velocity: up to 15m/sec Storage condition Temparature: -40-80°C, Humidity: 0-95%, Battery: -20-30°C (long term) Electrode life *4 Software updates Li-ion 10.8V, 6400mAh (BU-16) Altitude: 0-3,660m, Temparature: -10-50°C, Humidity: 0-95% (non-condensing), Wind velocity: up to 15m/sec Temparature: -40-80°C, Humidity: 0-95%, Battery: -20-30°C (long term) 1,500 arc discharges Internet	Power supply	AC input	AC 100-240V, 50/60Hz (ADC-16)	
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Storage condition Temparature : -40-80°C, Humidity : 0-95%, Battery : -20-30°C(long term) Electrode life *4 1,500 arc discharges Software updates Internet		Battery pack	Li-ion 10.8V, 6400mAh (BU-16)	
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Software updates Internet	Storage condition			
	A STATE OF THE STA		1,500 arc discharges	
Data management Can be stored, edited and analyzed by dedicated PC software	Software updates		Internet	
	Data managem	ent	Can be stored, edited and analyzed by dedicated PC software	

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

Accessories

- *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*				
	Test details			
Shock resistance	Drop from 76cm on 5 faces (excluding top face)			
Impact resistance	Equivalent to IK07 on LCD monitor			
Water resistance	Equivalent to IPx2			
Dust resistance	Equivalent to IP5x			

Splicer operation after shock, impact, water or dust tests, was confirmed under battery power, by Sumitomo Electric.

Does not guarantee the product will not be damaged by these conditions.

Basic Accessories Part name Part No. Qty. AC adapter ADC-16 series 1pc 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-82 1 pc Hand strap 1pc USB cable 1pc

*X=2(USA), 3(EU), 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.

Accessories						
	Part name	Part No.	Remarks			
8	SumiCloud card	WLSD series	For SumiCloud™ connection			
		FHS-025	For 0.25 mm single fibre			
	Fibre holder	FHS-09	For 0.9 mm single fibre			
		FHD-1	For drop and indoor cables (single fibre)			
		FHC-3	For 3 mm cable			
5		FHM-2	For 2-fibre ribbon			
Ce		FHM-4	For 4-fibre ribbon			
SSC		FHM-5	For 5-fibre ribbon			
<u> </u>		FHM-6	For 6-fibre ribbon			
Accessories for Splicer		FHM-8	For 8-fibre ribbon			
		FHM-10	For 10-fibre ribbon			
		FHM-12	For 12-fibre ribbon			
		PCH-12	200um to 250um pitch changing holder for pliable fibre ribbon			
E C		Lynx2-UML-S	For φ3 mm cord and φ0.9 mm single fibre			
14	Battery pack	BU-16	Li-ion 6,400mAh			
8	Battery charger	BC-16				
	Car battery cable	PCV-16	For car battery operation (cigarette socket type)			
	Electrodes	ER-10	-			
- 21	V-groove cleaning jig	VGT-2	Brush for cleaning V-groove			
	Handheld fibre	FC-8R-FC	Automatic blade rotation cleaver with cleave counter			
	cleaver	FC-8R-F	Automatic blade rotation cleaver			
Accessories	Fibre cleaver	FC-6M-C	Table-top high precision cleaver			
		FC-6RM-C	Automatic blade rotation cleaver			
	Jacket remover	JR-M03	Jacket remover for single fibre			
		JR-6+	Hot jacket remover for ribbon fibre			
	Fibre protection sleeve	FPS-1	60 mm sleeve for single fibre			
		FPS-40	40 mm sleeve for single fibre			
		FPS-5	40 mm sleeve for single fibre and up to 8-fibre ribbon			
		FPS-6	40 mm sleeve for single fibre and up to 12-fibre ribbon			
		FPS-D60	60 mm sleeve for single-fibre drop, and indoor cables			
	Alcohol dispenser	HR-3	=			



Carrying case with worktable CC-82



Handy cleaver FC-8R series



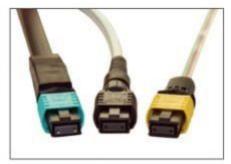
Table-top cleaver FC-6 / FC-6R series



Hot jacket remover JR-6+



Pitch changing holder PCH-12



Available for Lynx-Custom Fit™ Splice-On Connector

Sumitomo Electric Industries, Ltd.

Tokyo (Japan) Sumitomo Electric Industries, Ltd.

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http://global-sei.com/sumitomo-electric-splicers/

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