

MassFusion Splicer

88R

Designed to keep you going



Specifications

Item	Specification	
Fiber alignment method	Self cladding alignment with melting surface tension	
Fiber count can be spliced	Up to 12 fiber ribbon	
Applicable fiber	Fiber type	SMF(G.652/657), MMF(G.651), DSF(G.653), NZDSF(G.655)
	Cladding dia.	Approx.125µm
Applicable coating	Fiber holder	Coating shape. : Refer to options Cleave length : 10mm
	Splice loss	ITU-T G.652 : Avg. 0.05dB ITU-T G.651 : Avg. 0.02dB ITU-T G.653 : Avg. 0.08dB ITU-T G.655 : Avg. 0.08dB ITU-T G.657 : Avg. 0.05dB
Fiber splice performance	Splice time	Typical 11 sec.
	Sleeve type	Heat shrinkable sleeve
Applicable protection sleeve	Sleeve length	Max. 66mm
	Sleeve dia.	Max. 6.0mm before shrinking
Sleeve heat performance	Heat time	Typical 13 sec.
Fiber tensile test force	Approx. 2.0N	
Electrode life	Approx. 1,500 splices	
Physical description	Dimensions	146W × 159D × 150H (mm)
	Weight	Approx. 2.6kg including battery
Environmental condition	Temperature	Operate : -10 to 50°C Storage : -40 to 80 °C
		Humidity
	Altitude	
AC adaptor	Input	AC100 to 240V, 50/60Hz, Max. 1.5A
Battery pack*1	Type	Rechargeable Lithium Ion
	Output	Approx. DC14.4V / 6,380mAh
	Capacity	Approx. 165 splice and heat cycles
	Temperature	Recharge : 0 to 40°C Storage : -20 to 30°C
	Battery life	Approx. 500 recharge cycles
Display	LCD monitor	TFT 5 inches with touch screen
	Magnification	88R1212 : Approx. 20X : 12 ribbon to 60X : single 88R124 : Approx. 60X
Illumination	V-grooves	LED lamp
Interface	PC	USB2.0 Mini B type
	External LED lamp	USB2.0 A type Approx. DC5V, 500mA
		Mini DIN 6pin DC12V, Max. 1A
	Wireless *2	Bluetooth 4.1 LE
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 count analysis
		Discharge power calibration
		Wind protector : open/close
		Heater lid : open/close Heater clamp : open/close
	Reference guide	Video and PDF file stored in splicer
Electrode	Replaceable without tool	

88R Standard package

Item	Model	Qty
Mass Fusion Splicer	88R	1 pc
(1) Battery Pack *1	BTR-15	1 pc
(2) AC Adapter	ADC-20	1 pc
(3) AC Power Cord	ACC-15	1 pc
(4) USB Cable	USB-01	1 pc
(5) Fusion Splicer Strap	ST-02	1 pc
(6) Electrodes	ELCT2-16B	1 pair
(7) Hexagonal Wrench	HEX-01	1 pc
(8) V-groove Cleaning Brush	VCB-01	1 pc
(9) Carrying Case	CC-30	1 pc
(10) Carrying Case Strap	ST-03	1 pc
(11) Alcohol Dispenser	AP-02	1 pc
(12) Quick Reference Guide	QRG-03-E	1 pc
(13) Fiber Holder	FH-70-12	1 pair
(14) Optical Fiber Cleaver	CT-50	1 pc
Ribbon Fiber Stripper	RS03	1 pc
(1) Battery Pack *1	BTR-12A	1 pc
(2) AC Adapter	ADC-09A	1 pc
(3) AC Power Cord	ACC-11	1 pc
(4) Blade Cleaning Brush	BRS-02	1 pc

88R Options

Item	Model	Remark
Fiber holder	FH-70-250	250µm coating diameter
	FH-70-900	900µm coating diameter
	FH-70-2	2 fiber ribbon
	FH-70-4	4 fiber ribbon
	FH-70-8	8 fiber ribbon
	FH-70-12	12 fiber ribbon
	FH-70-12PC	Pitch conversion for 12 fiber ribbon
	FH-FC-20	900µm in 2mm diameter jacket
Single Fiber Stripper	FH-FC-30	900µm in 3mm diameter jacket
	FH-60-LT900	900µm loose buffer fiber
DC Adapter	SS-03	Three hole fiber stripper
DC power cord	DCA-03	Connect AC adapter not through battery
	DCC-20	Car cigar socket to BTR15/DCA-03
	DCC-21	Car battery to BTR-15/DCA-03
Transfer Clamp	DCC-11	Splicer to ribbon stripper
	CLAMP-DC-12	Transferring drop cable on work tray
J-Plate	JP-10	Attaching to splicer, not to work tray
	JP-10-FC	JP-10 with fiber clamps
Protection sleeve	FP-04(T)	40mm up to 8 fiber ribbon
	FP-05	40mm up to 12

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

*2: Bluetooth® mark and logos are the registered trademarks of Bluetooth SIG, Inc.

