

Next- Generation Splicer!

Ribbon Fiber Fusion Splicer

Fujikura 19R



World quickest splicing / tube-heating.
splicing : 11sec. / tube-heating : 18sec.

- Up to 4-fiber ribbon splicing.
- Automated wind-protector.
- Minimum manual operation.
Splice in 5 steps.
- Multi-functional carrying case
with integrated work station.
- Absolute robustness.



Fujikura 19R

SPECIFICATIONS

Applicable fibers	SMF(G.652/657), MMF(G.651), DSF(G.653), NZDSF(G.655)
Fiber count	Single to 4
Cladding dia. / Sheath dia.	Single : 125µm / 160µm to 3mm by fiber holder system Ribbon : 125µm / Ribbon fiber thickness 0.25 to 0.4mm
Cleave length	10mm to 13mm
Splice mode / heating mode	Total 100 splice modes / 30 heating modes
Typical splice loss	0.05dB (SM), 0.02dB(MM), 0.08dB(DS) and 0.08dB(NZDS) Measured by cut-back method relevant to ITU-T and IEC standards.
Splice time / tube heating time	Typical 11sec with SM FAST, 15sec with SM AUTO / Typical 18sec with FP-04(T) sleeve
Splice result storage	Last 2000 splices
Viewing methods / magnification	2 axis CMOS camera with 4.73" color LCD. X / Y (90X magnification), or both X and Y simultaneously
Tension test	1.96 to 2.25N
Applicable protection sleeve	60mm, 40mm and Fujikura micro sleeves
No. of splice / heating per battery full charge*1	Typical 140 cycles with BTR-09
Electrode life	2000 splices
Size / weight	146W x 159D x 150H (mm) / 2.5kg (including battery)
Operating condition	Altitude : 0 to 5,000m above sea level, Wind : 15m/sec Temperature : -10 to 50deg C, Humidity : 0 to 95%RH, non-dew
Resistance features*2	Shock : 30in all surface drop Dust : Exposure to dust (0.1 to 500µm dia Alumina Silicate) IP5X Rain : H=10mm/hr for 10min IPX2
Other features	PC software upgrade / data management
Terminals	USB 2.0 (Mini-B type) connector for PC communication. 6-pin Mini-DIN connector for HJS-02 or HJS-03 power supply.

*1:one(1) splicing and heating cycle per two(2) min. under room temperature condition.

*2:Carried out in Fujikura labs in Japan. The shock, dust and rain resistance test do not guarantee the product will not be damaged under these conditions.

ACCESSORIES

Description	Model No.
High precision fiber cleaver	CT-30 series (for single to 12 ribbon fibers)
Primary coat stripper	PS-02
Nylon jacket stripper	JS-01
Thermal jacket stripper	HJS-02, HJS-03
Protection sleeve	FP-04(T)/ 05/ 03 / 03 (L=40) and FPS01series

OPTIONAL ITEMS

Description	Model No.	SET
Fiber holder	FH-50-250*3, FH-60-250 (coating dia. of 250µm)	1 pair
	FH-50-900*3 (coating dia. of 900µm)	1 pair
	FH-50-2 (2 fiber ribbon)	1 pair
	FH-50-4 (4 fiber ribbon)	1 pair
	FH-60-DC250 (coating dia. of 250µm in drop cable)	1 pair
	FH-FC-20 (coating dia. of 900µm in 2.0mm Sheath code)	1 pc
	FH-FC-30 (coating dia. of 900µm in 3.0mm Sheath code)	1 pair
	FH-60-LT900 (900µm dia. loose buffer fiber)	1 pair
Battery pack	BTR-09 (Li-ion)*4	1 pc
Battery charge cord	DCC-18	1 pc
DC power cord	DCC-12 (for cigar-socket)	1 pc
	DCC-13 (with alligator clamp)	1 pc
Electrodes	ELCT2-20A	1 pair
Transfer clamp	CLAMP-DC (for drop cable)	1 pc

*3:FH-50-250/900 improves usability with single fiber due to flange design. However it cannot be used with HJS-03.

*4:all senders must to obey the IATA regulation when transporting Li-ion battery by air.

STANDARD PACKAGE

Description	Model No.	Q'ty
Fusion splicer	19R	1 pc
AC adapter	ADC-18	1 pc
AC power cord	ACC-XX XX=14 (JP/US), 15 (EU), 16 (UK), 17 (AU)	1 pc
Carrying case	CC-30	1 pc
Spare electrodes	ELCT2-20A	1 pair
Instruction manual CD	M-70 (Instruction manual and PC software)	1 pc
Quick reference guide	Q-70R/19R-E (English)	1 pc
Warning and cautions	W-70-E	1 pc
USB cable	USB-01	1 pc
Sleeve loader	SL-01	1 pc
Alcohol pot	AP-01	1 pc
Screw driver	SD-01	1 pc

STANDARD PACKAGE



Specifications and descriptions are subject to change without prior notice.

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