

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./ Sheathe dia.	Single : 125 µm / 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)	1pair
	FH-50-900*3 (coating dia. of 900µm)	1pair
	FH-50-2 (2 fiber ribbon)	1pair
	FH-50-4 (4 fiber ribbon)	1pair
	FH-60-DC250 (coating dia. of 250µm in drop cable)	1pair
	FH-FC-30 (coating dia. of 900µm in 3.0mm Sheath code)	1pc
	FH-FC-30 (coating dia. of 900µm in 3.0mm Sheath code)	1pc
	FH-60-LT900 (900µm dia. loose buffer fiber)	2pcs
Battery pack	BTR-09 (Li-ion)*4	1pc
Battery charge cord	DCC-18	1pc
DC power cord	DCC-12 (for cigar-socket)	1pc
	DCC-13 (with alligator clamp)	1pc
Electrodes	ELCT2-20A	1pair

*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	1pc
AC adapter	ADC-18	1pc
AC power cord	ACC-XX XX=14 (JP/US),15 (EU),16 (UK),17 (AU)	1pc
Carrying case	CC-30	1pc
Spare electrodes	ELCT2-20A	1pair
Instruction manual CD	M-70 (Instruction manual and PC software)	1pc
Quick reference guide	Q-70R/19R-E (English)	1pc
Warning and cautions	W-70-E	1pc
USB cable	USB-01	1pc
Sleeve loader	SL-01	1pc
Alcohol pot	AP-01	1pc
Screw driver	SD-01	1pc

STANDARD PACKAGE



Specifications and descriptions are subject to change without prior notice.

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