

The World Standard Splicer

**World's Quickest
Splicing 6sec**



Single Fiber Fusion Splicer

Fujikura 62C

Core-to-Core alignment, Dual-axis observation system



- Core-to-Core alignment splicer
- Fast splicing time 6sec./tube heating time 15sec.
- Multi-functional carrying case with integrated work station.
- Reliability and robustness



Fujikura 62C

SPECIFICATIONS

Applicable fibers	Single / SMF(G.652/657), MMF(G.651), DSF(G.653), NZDSF(G.655)
Cladding dia/ Sheath dia.	80-150µm / 100-3000µm
Cleave Length	5mm to 16mm with sheath clamp
Splice mode / heating mode	Total 100 splice modes / 30 heating modes
Typical splice loss	0.02dB (SM), 0.01dB(MM), 0.04dB(DS) and 0.04dB(NZDS) Measured by cut-back method relevant to ITU-T and IEC standards.
Return loss	>>60dB
Splice time	Typical 6sec
Tube heating time	Typical 15sec
Splice result storage	Last 15,000 splices with image capturing function
Viewing methods / magnification	2 axis 2CMOS camera with 4.73" color LCD. 320X magnification. 400X magnification after splicing
Tension test	1.96 to 2.25N
Applicable protection sleeve	60mm, 40mm and Fujikura micro sleeves
No. of splice / heating per battery full charge	Typical 200 cycles with BTR-09
Electrode life	5000 splices
Size / weight	146W x 163D x 148H mm / 2.6kg (including battery)
Operating condition	Altitude : 0 to 5,000m above sea level, Wind : 15m/sec Temperature :- 10 to 50 deg C, Humidity : 0 to 95%RH, non-dew
Other features	PC software upgrade / data management
Resistance features	Shock resistance : 76cm (30inch) 5 difference surface drop ^{*1} Dust resistance : Exposure to dust (0.1 to 500µm dia. Alumina Silicate). ^{*1} Rain resistance : H=10mm/hr for 10min ^{*1}
Terminal	USB 2.0 (mini-B type) connector for PC Communications

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

STANDARD PACKAGE

Description	Model No.	Qty.
Fusion Splicer	62C	1 pc
AC Adapter	ADC-18	1 pc
AC Power Cord	ACC-XX	1 pc
High Precision Fiber Cleaver	CT-06	1 pc
Battery Pack	BTR-09(Li-ion)*	1 pc
Battery Charge Cord	DCC-18	1 pc
Carrying Case	CC-24	1 pc
Spare Electrodes	ELCT-2-20A	1 pair
Instruction Manual	M-62	1 pc
Quick Reference Guide	Q-62S-E	1 pc
Alcohol Pot	AP-01	1 pc
Sleeve Loader	SL-01	1 pc
USB Cable	USB-01	1 pc
Screw Driver	SD-01	1 pc
J Plate	JP-08	1 pc

OPTIONAL ITEMS

Description	Model No	Qty.
Fiber holder	FH-60-250 (coating dia. of 250µm)	1 Pair
	FH-60-900 (coating dia. of 900µm)	1 Pair
	FH-60-DC250 (coating dia. of 250µm in drop cable)	1 Pair
	FH-60-IDC250 (coating dia. of 250µm in indoor cable)	1 Pair
	FH-FC-20 (coating dia. of 900µm in 2.0mm Sheath dia)	1 Pair
	FH-FC-30 (coating dia. of 900µm in 3.0 Sheath dia)	1 Pair
	FH-60-LT900 (900µm dia. Loose buffer fiber)	1 Pair
Sheath Clamp	CLAMP-S21A (included in standard package)	1 Pair
	CLAMP-S21B (900µm dia. Loose buffer fiber)	1 Pair
High Precision Fiber Cleaver	CT-30 series (for single to 12 ribbon fibers)	1 Pc
Protective Sleeve	FP-03/FP-03 (L=40) and FPS01 series)	1 Pc
DC Power Cord	DCC-12 (for cigar-socket)	1 Pc
	DCC-13 (with alligator clamp)	1 Pc

Specifications and descriptions are subject to change without prior notice.

*all senders have to obey the IATA regulation in case of Li-ion battery transportation by air.