

## The Advanced FTTH Splicer

**Active  
V-groove  
Alignment**



Single Fiber Fusion Splicer

# Fujikura 22S

Active V-groove Alignment



- Excellent for FTTH
- World's Smallest & Lightest Active V-groove Splicer
- Fast splicing time 9sec.
- Multi-Functional Carrying Case



# Fujikura 22S

## SPECIFICATIONS

Applicable fibers	Single / SMF(G.652/657), MMF(G.651), DSF(G.653), NZDSF(G.655)
Cladding dia./ Sheath dia.	125 μm / Up to 3mm with sheath clamp
Cleave length	5mm to 16mm
Splice mode / heating mode	Total 100 splice modes / 30 heating modes
Typical splice loss	0.03dB (SM), 0.01dB(MM), 0.05dB(DS) and 0.05dB(NZDS) Measured by cut-back method relevant to ITU-T and IEC standards.
Splice time	Typical 9sec SM FAST, Typical 11sec SM AUTO
Tube heating time	Typical 24sec FP-03, coating dia.250μm Typical 25sec FP-03, coating dia.900μm Typical 19sec Slim60mm, coating dia.250μm Typical 16sec Slim40mm, coating dia.250μm
Splice result storage	Last 10,000 splices
Viewing methods / magnification	2 axis 2CMOS camera with 4.73" color LCD. 132X magnification.200X 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-11
Electrode life	3000 splices
Size / weight	120W x 189D x 72H mm / 1140g (including battery)
Operating condition	Altitude : 0 to 3,660m above sea level, Wind : 15m/sec Temperature : -10 to 50deg C, Humidity : 0 to 95%RH, non-dew
Other features	PC software upgrade / data management
Resistance feature	Shock resistance : 76cm (30inch) bottom surface drop <sup>*1</sup> Dust resistance : Exposure to dust ( 0.1 to 500μm dia. Alumina Silicate ). <sup>*1</sup> Rain resistance : H=10mm/hr for 10min <sup>*1</sup>

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

## STANDARD PACKAGE

Description	Model No.	Q'ty
Fusion splicer	22S with BTR-11 and ELCT12-12	1pc
AC adapter	ADC-19	1pc
AC power cord	ACC-XX XX=08(JP),09(US),10(UK),11(EU),12(AU)	1pc
Carrying case	CC-32	1pc
Spare electrodes	ELCT2-12	1pair
Instruction manual CD	M-22	1pc
Quick reference guide	Q-22S-E	1pc
Alcohol pot	AP-01	1pc
Screw driver	SD-01	1pc

## OPTIONAL ITEMS

Description	Model No.
Fiber holder	FH-60-250 ( coating dia. of 250μm)
	FH-60-900 ( coating dia. of 900μm)
	FH-60-DC250 ( coating dia. of 250μm in drop cable)
	FH-FC-20 ( coating dia. of 900μm in 2.0mm Sheathe code)
	FH-FC-30 ( coating dia. of 900μm in 3.0mm Sheathe code)
	FH-60-LT900 (900μm dia. loose buffer fiber)
Sheathclamp	CAMP-S21A (included in standard package) CAMP-S21B (900um dia. loose buffer fiber)
Battery pack	BTR-11(Li-ion)*2
Electrodes	ELCT2-12

\*2:all senders have to ovey the IATA regulation in case of Li-ion battery transportation by air.

## ACCESSORIES

Description	Model No.
High precision single fiber cleaver	CT-06 (for single fiber)
High precision fiber cleaver	CT-30 series (for single to 12 ribbon fibers)
Primary coat stripper	PS-02
Nylon jacket stripper	JS-01
Protection sleeve	FP-03 / 03 (L=40) and FPS01series

## STANDARD PACKAGE



## OPTIONAL ITEMS



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Specifications and descriptions are subject to change without prior notice.

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