

The Advanced FTTH Splicer

Active V-groove Alignment



Single Fiber Fusion Splicer

Fujikura 21S

Active V-groove Alignment



- Excellent for FTTH
- World's Smallest & Lightest Active V-groove Splicer
- High capacity battery
- Multi-Functional Carrying Case



Fujikura 21S

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.
Return loss	>>60dB
Typical splice time	9sec SM FAST, 11sec SM AUTO
Typical tube heating time	30sec FP-03, coating dia.900μm
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*1	Typical 200 cycles with BTR-11
Electrode life	5,000 splices
Size / weight	120W x 189D x 72H mm / 1140g (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
Other features	PC software upgrade / data management
Resistance features*2	Shock resistance : 76cm (30inch) bottom surface drop Dust resistance : Exposure to dust (0.1 to 500μm dia. Alumina Silicate). Rain resistance : H=10mm/hr for 10min

*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 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	21S with BTR-11 and ELCT2-12	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-21	1pc
Quick reference guide	Q-21S-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 (2mm x 3mm drop cable)
	FH-60-IDC250 (1.6mm x 2mm drop cable)
	FH-FC-20 (coating dia. of 900μm in ø2.0mm cord)
	FH-FC-30 (coating dia. of 900μm in ø3.0mm cord)
	FH-60-LT900 (900μm dia. loose buffer fiber)
Sheathclamp	CLAMP-S21A (included in standard package) CLAMP-S21B (900um dia. loose buffer fiber)
Battery pack	BTR-11 (Li-ion)*3
Electrodes	ELCT2-12
Transfer clamp	CLAMP-DC-12 (Transfer drop cable to heater)
Screw mount for tripod	TS-01

*3: all senders have to obey 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



Please visit **NEW** web site!

<http://www.fusionsplicer.fujikura.com>

Facebook
<https://www.facebook.com/FujikuraFusionSplicers>

twitter
<https://twitter.com/fujikurasplicer>

Specifications and descriptions are subject to change without prior notice.

Fujikura Ltd.

1-5-1, Kiba, Koto-ku, Tokyo 135-8512, Japan
Phone:+81-3-5606-1164 Fax:+81-3-5606-1534 <http://www.fujikura.com>

Fujikura Asia Ltd.

438A Alexandra Road, Block A Alexandra Technopark #08-03 Singapore 119967
Phone:+65-6-278-8955 Fax:+65-6-278-0965 <http://www.fujikura.com.sg>

Fujikura Europe Ltd.

C51 Barwell Business Park, Leatherhead Road, Chessington, Surrey KT9 2NY, UK
Phone:+44-20+8240-2000 Fax:+44-20-8240-2010 <http://www.fujikura.co.uk>

AFL

260, Parkway East, Duncan, SC29334, USA
Phone:+1-800-235-3423 Fax:+1-800-926-0007 <http://www.aflglobal.com>

Fujikura (China) Co., Ltd.

7th Floor, Shanghai Hang Seng Bank Tower, 1000 Lujiazui Ring Road, Pudong New Area, Shanghai, 200120 CHINA
Phone +86-21-6841-3636 FAX +86-21-6841-2070