

## Fujikura 62S+ Fusion Splicer

### Recommended Accessories for the 62S+

DESCRIPTION	AFL NO.
<b>Cleavers</b>	
CT08 Cleaver	S017004
CT50 Cleaver	S017030
<b>Fiber Holders</b>	
FH-70-250 (250 µm coated single fiber)	S017111
FH-70-900 (900 µm jacketed single fiber)	S017113
FH-60-160 Fiber Holder (pair)	S014690
FH-60-LT900 Fiber Holder (pair)	S015181
<b>FUSEConnect® Accessories</b>	
FH-FC-20 (900 µm within 2.0 mm sheathing) (each)	S014696
FH-FC-30 (900 µm within 3.0 mm sheathing) (pair)	S014695
FH-FC-900 (900 µm cable) (each)	S014697
CLAMP-FC-2000 (pair)	S014705
CLAMP-FC-3000 (pair)	S014704
<b>Sheath Clamps</b>	
CLAMP-S21A Sheath Clamp (Coating diameter from 100 µm - 1000 µm (5-16 mm cleave))	S016852
CLAMP-S21B Sheath Clamp (900 µm diameter loose tube fiber (5-16 mm cleave))	S016853

DESCRIPTION	AFL NO.
<b>Batteries and Power Cords</b>	
ADC-18 AC Adapter	S015585
ACC-14 AC Power Cord	S014536
BTR-09 Battery and DCC-18 Charge Cord	S016780
BTR-09 Battery	S015581
DCC-18 Battery Charge Cord	S015582
DCC-12 Power Cord (connects AC Adapter to cigarette lighter socket)	S013552
DCC-13 Power Cord (connects AC Adapter to power source via alligator clips)	S013556
<b>Miscellaneous</b>	
ELCT2-20A Electrodes	S013532
Portable Tripod Workstation (see product profile for more detail)	S014773
ASW-02 Splicing Workstation (see product profile for more detail)	S010532
JP-08 J-PLATE	S016284
SL-01 Sleeve Loader	S015674
USB Cable	S014777
CC-24 Transit Case	S014559
Splicer V-Groove Cleaning Kit	S014397

### Specifications

PARAMETER	VALUE
Model	62S+ Fusion Splicer
Applicable Fibers	Single-mode (G.652 & G.657), Multimode (G.651.1), DS (G.653), CS (G.654), NZDS (G.655 & G.656) and Erbium-doped fiber
Cladding Diameter	80 µm to 150 µm
Coating Diameter	100 µm to 1,000 µm
Fiber Cleave Length	5 to 16 mm
Typical Average Splice Loss	0.02 dB with SM, 0.01 dB with MM, 0.04 dB with DS, 0.04 dB with NZDS, measured by cut-back method relevant to ITU-T standards
Splicing Time	ULTRA FAST mode — 6 seconds; SM FAST mode — 7 seconds; SM AUTO mode — 10 seconds with SM fiber
Arc Calibration Method	Automatic, real-time and by using results of previous splice when in AUTO mode, manual arc calibration function available
Splicing Modes	100 preset and user programmable modes
Splice Loss Estimate	Based upon dual camera core axis alignment data
Storage of Splice Result	Last 10,000 results stored in the internal memory
Fiber Display	X or Y, or both X and Y simultaneously. Front or rear monitor display options with automated image orientation
Magnification	320X for single X or Y view, or 200X for X and Y view
Viewing Method	Dual cameras with 4.7 inch TFT color LCD monitor
Operating Condition	0 to 5,000 m above sea level, 0 to 95%RH and -10 to 50°C respectively
Mechanical Proof Test	1.96 to 2.25N
Tube Heater	Built-in tube heater with 30 heating modes; auto-start function
Tube Heating Time	Typical 23 seconds with FP-03 sleeve, 17 seconds with FP3 (40), 5-16 seconds with Fujikura micro sleeves, 15 seconds with slim 60 mm and 40 mm sleeves
Protection Sleeve Length	60 mm, 40 mm, micro
Splice/Heat Cycles with Battery	Typical 200 cycles with power save functions activated
Electrode Life	5,000 Arc Discharges
Power Supply	Auto voltage selection from 100 to 240 V AC or 10 to 15 V DC with ADC-18, 14.8 V DC with BTR-09 battery
Terminals	USB 1.1 (USB-B type) for PC communication. Mini-DIN (6-pin) for HJS-02/03
Wind Protection	Maximum wind velocity of 15 m/s (34 mph)
Dimensions	146 W x 159 D x 150 H (mm) / 5.75 W x 6.25 D x 5.9 H (inches)
Weight	2.5 kg (5.5 lbs) with AC adapter ADC-18; 2.7 kg (5.95 lbs) with BTR-09 battery