



 Bluetooth



Fujikura 62S+ Fusion Splicer

The Fujikura 62S+ provides active core alignment splice loss performance while utilising a conventional wind protector and tube heater design. An alternative to the fully automated core-alignment model 70S+, the 62S+ includes an auto-start feature for both the splicing and tube heating process that minimises the steps necessary to process splices. With a shrink time of 23 seconds with standard splice sleeves, the 62S+ ensures a high level of productivity. Incorporating the proven ruggedised features pioneered by Fujikura, durability is greatly enhanced by a mirrorless optical system and "severe impact resistant" monitor. Battery capacity is 200 splices/shrinks. The transit case doubles as a built-in or mobile workstation and makes splicing easier than ever.

Features and Benefits

- 5,000 splices electrode life
 - 23 second tube heating time with standard sleeves
 - Fully ruggedised for shock, dust and moisture
 - Li-ion battery with 200 splices/shrinks per charge
 - 5 mm cleave length for splice on connector or small package needs
 - Sheath clamp or fibre holder operation
 - Internet software upgrades
 - Multi-function transit case with integrated workstation
 - Bluetooth capability
 - Optional non-wireless model available
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Technical Specifications

PARAMETER	VALUE
Model	62S+ Fusion Splicer
Applicable Fibres	Single-mode (G.652 and G.657), Multimode (G.651), DS (G.653), NZDS (G.655)
Cladding Diameter	80 µm to 150 µm
Coating Diameter	100 µm to 1,000 µm
Fibre 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 fibre
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
Fibre 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
Wireless Connectivity	Bluetooth 4.1 OS: Android 5.0 or above, iOS 8.0 or above (iPhone 6 or above)

Resistance Features

DESCRIPTION	DETAIL
Shock Resistance	76 cm (30inch), all 5 sides per GR-765-CORE
Dust Resistance	Exposure to dust (0.1 to 500 µm dia. Alumina Silicate) ¹ per TR-NWT-000264
Rain Resistance	R=10 mm/h for 10 min ¹ per JIS C 0034

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.

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Splicer Packages

PART NUMBER	DESCRIPTION
FUJFSM62S+-CT50	62S+ Core Alignment Splicer with CT50 cleaver kit
FUJFSM62S+-CT08	62S+ Core Alignment Splicer with CT08 cleaver kit
FUJFSM62S+-NC	62S+ Core Alignment Splicer, no cleaver
FUJFSM62S+-CT50-NW	62S+ Core Alignment Splicer with CT50 cleaver kit, no Bluetooth
FUJFSM62S+-CT08N-W	62S+ Core Alignment Splicer with CT08 cleaver kit, no Bluetooth
FUJFSM62S+-NC-NW	62S+ Core Alignment Splicer, no cleaver, no Bluetooth

All splicer kits include fusion splicer, cleaver and items listed below:

PART NUMBER	DESCRIPTION
FUJ-70SCLAMPA	62S+ fibre clamp, 5-16 mm cleave length 250/900 µm (pair)
FUJADC18	AC adapter, battery charger, DC inlet to suit 70S+, 70R+, 19S/R, 62S+
FUJBTR-09	Battery pack to suit 70S+, 70R+ 19S/R, 62S+
FUJDCC-18	FUJBTR-09 battery charge lead
FUJFSM-EL50/60S	Electrode set to suit 70S+, 70R+, 19S/R, 62S+ (1 fitted + 1 spare)

All splicer kits include safety goggles, sharps container, alcohol dispenser, 100 pk cotton tips, sleeve loader, electrode removal screwdriver, USB communications lead and instruction CD.

Accessories

PART NUMBER	DESCRIPTION
FUJFSM-EL50/60S	Electrode set to suit 70S+, 70R+, 19S/R, 62S+
FUJBTR-09	Battery pack to suit 70S+, 70R+, 19S/R, 62S+
FUJDCC-12	12 V cigarette lighter lead to suit 70S+, 70R+, 19S/R
FUJFH-70-250	250 µm Fibre Holder Single Fibre 70S+, 70R+, 19S/R, 62S+, CT30, CT06 / Hot jacket stripper (pair)
FUJFH-0-900	900 µm Fibre Holder Single Fibre 70S+, 70R+, 19S/R, 62S+, CT30, CT06 / Hot jacket stripper (pair)
FUJFH-60-LT900	900 µm Loose Buffer Fibre Holder Single Fibre 70S+, 70R+, 19S/R, CT30, CT06 / Hot jacket stripper (pair)
HTST250/9/2-E	Ergonomic fibre stripper, three hole
HTST250-E	Ergonomic fibre stripper, 250 µm
HTSCKEV-E	Ergonomic wire and Kevlar cutting shears
IDE5163	Loose tube cable stripper
IDE5164	Stripping tool (6.4-14.3 mm)
HTST4.5/29	Round cable stripper (4.5-29 mm)
MEN712	Alcohol dispenser
SPLPROT-HS-xxx	Single fibre splice protector available in 2.5 mm and 3 mm thickness, 45 mm and 62 mm lengths, 12 pk and 100 pk sizes
AFC-RACKMATE	RackMate sliding work tray
AFCKIT-CABLEPREP	Fibre cable preparation kit
AFCKIT-CABLEPREP-CK	Fibre and cable cleaning consumables kit
FUJFSM-EXTWAR5Y	Fujikura splicer extended care plan, 70, 19, 12, FSM-60 Series—5 Years