

FUJIKURA Fusion Splicer 70S+

The 70S+ is the new standard core alignment fusion splicer covering varied splicing needs in those fields with a series of innovative features, such as automated wind protector / tube heaters, 6 seconds splicing and 9 seconds tube heating, ruggedized body, improved carrying case, wireless communication functions, etc. They are all for great splicing efficiency.



- Splicing 6 sec. (ULTRAFast)
- Tube heating time 9 sec. (Slim 60 mm)
- Minimum manual operation. Splice in 4 steps
- Multi-function transit case with integrated work station
- Slide in AC adaptor
- Bluetooth capability connection

PARAMETER	VALUE
Applicable Fibers	Single / SMF (G.652/657), MMF (G.651), DSF (G.653), NZDSF (G.655)
Cladding dia. / Sheath dia.	80-150µm / 100-3000µm
Fiber 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 (DSF) and 0.04dB (NZDS) Measured by cut-back method relevant to ITU-T and IEC standards.
Return loss	>>60dB
Attenuation Splice Function	Intentional high splice loss of 0.1dB to 15dB □ 0.1dB step □ can be made for an in-line fixed attenuator.
Typical Splicing Time	6sec ULTRA FAST 7sec SM FAST, 10sec SM AUTO
Typical Tube Heating Time	13sec FP-03, coating dia. 250µm 14sec FP-03, coating dia. 900µm 9sec Slim 60mm, coating dia. 250µm
Splice Result Storage	Last 20,000 splices
Viewing methods/magnification	2 axis CMOS camera with 4.73" color LCD. X / Y (320X magnification), or both X and Y simultaneously (200X magnification)
Tension Test	1.96 to 2.25 N
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
Wireless connectivity	Wireless technical standard : Bluetooth®4.1 OS : Andoroid 5.0 or above, ios 8.0 or above (iphone6 above)
Size/Weight	146W x 159D x 150H (mm) / 2.7kg (including battery)
Operation Condition	Altitude : 0 to 5,000m above sea level, Wind : 15m/sec Temperature : -10 to 50deg C, Humidity : 0 to 95%RH, non-dew
Resistance features	Shock : 76cm (30inch all surface drop Dust : Exposure to dust (0.1 to 500µm dia Alumina Silicate), IP5X Rain : H=10mm/hr for 10min, IPX2
Other features	PC software upgrade / data management
Terminals	USB 2.0 (Mini-B type) connector for PC communication. 6-pin Mini-DIN connector for RS02 or RS03 power supply.