



PORTABLE FIBRE SPLICING KIT

Handheld fusion splicer capable of doing a splice in 7 seconds. Easy to carry thanks to its small weight and dimensions. The product also includes a carry case with all the necessary accessories. Its interface is very user friendly and intuitive, all actions can be performed with just 3 buttons.

It automatically detects problems before the splice is done as it measures the angles in which the fibre has been cut (maybe pointing at a fault with the cleaver) and faults with the fibre (usually dust).

It will also make sure the splice has been correctly done by checking the spliced fibre by pulling and measuring the optical losses.

BENEFITS:

- Alignment of the fibre for cladding
- Start the splicing process automatically once the cover is closed
- Calibration by insertion of one fibre
- Automatically clean the electrodes
- Saving a log with the information of the splice that can be afterwards exported to a different format
- Up to 60 splices/protection sleeve heating from a single full battery charge and possibility of re-charging battery whilst using the splicer

ACCESSORIES INCLUDED:

- Fibre cleaver (cutter for 16.000 cuts)
- Fibre stripper (pre-adjusted to 250 and 900µm)
- Set of bolsters for fibers of 250µm (black) and 900µm (blue)
- AC/DC adapter
- Transport case



TECHNICAL SPECIFICATIONS - SFS-001

Fibre Splicing Kit	
Average loss per splice (dB)	0,03 @ Single Mode fibre 0,01 @ Multi Mode fibre
Average time per splice	7 s
Average time for the heat-shrink sleeve heating	60 s @ cannula: 45mm 90 s @ cannula: 60mm
Fusion programmes	2 pre-configured programmes (SM and MM)
Fibre alignment	By cladding: Axial (automatic) Radial (fixed, over V-Groove)
Screen	2,8" colour LCD, 320x240p
Lens magnification	140x
Languages	Spanish, English, German, French, Italian, Polish, Russian, Dutch, Swedish, Czech, Turkish
Interfaces	
Mini USB	Updates
External SD (not included)	Save and export fusion data
Powering	
Mains voltage (Vac)	100 - 240
Mains frequency (Hz)	50 / 60
Battery	Li-ION (7,4V y 3000mAh)
Operating range	
Operating temperature	0 ... 45 °C
Storage temperature	-20 ... 60 °C
Relative humidity	< 95%