

Field Fusion Splicer FSU 15 FI

"with its rapid-fire
cycle time,
this splicer is the
fastest in the
industry"



when speed and accuracy count

Introducing a completely new platform that puts speed and accuracy first

Ericsson's revolutionary new fusion splicer delivers ultra fast splice time and the world's shortest shrink time. This adds up to a total cycle time of less than 40 seconds. The combination of cold image alignment and warm image processing is what makes this technology sizzle.

The FSU 15 FI field fusion splicer introduces a completely new solution for making field splicing faster, easier and more accurate than ever before. We have combined cold core alignment and warm image processing to ensure a precise alignment process as well as extremely accurate splice loss estimation. These technologies not only do the job – they do it faster and more accurately. Splicing takes less than 15 seconds, while our new patented shrinking technology takes typically 25 seconds. The result? A

total cycle time of less than 40 seconds.

The splicer is designed to withstand harsh environmental conditions. Its lightweight, but yet robust, compact and ergonomic design make it extremely portable.

The FSU 15 FI has a menu-driven user interface with dynamic function buttons, and a fully automatic splice process, which includes an automatic arc compensation control for altitude, temperature and humidity.

Splicing has never been this easy.

- fully automatic splice process
- cold core alignment and warm image processing
- ultra fast splice time
- short shrink time
- designed with the user in mind
- lightweight, but yet robust
- menu-driven user interface
- attachable power sources

Technical Data

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| Fiber types | Single-mode (SMF) Multimode (MMF) Dispersion-shifted (DSF) Non-zero dispersion-shifted (NZ-DSF) Cut-off shifted (CSF) |
| Cladding/Coating diameter | 125µm/250 µm |
| Typical splice loss | Typical 0.02 dB for identical SM fiber Typical 0.01 dB for identical MM fiber |
| Typical return loss | >60 dB |
| Power sources | Attachable Power Supply 90-264 V AC, 47-63 Hz or Battery (NiMH) |
| Operating/Storage environment | 0-45°C/ -20-60°C, 0-95% RH (non-condensing) |
| Monitor | 5" TFT color display |
| Dimensions | 180 x 235 x 165 (W x D x H) 180 x 235 x 200 (W x D x H) incl. Power Supply |
| Weight | 3 kg 3,9 kg incl. Power Supply |
| External connectors | Video output: VGA 15-pin RS232 serial communication, 9-pin Battery charger (power) port Heat oven connection port |