Fusion Splicer
RSU 12
12-fiber Ribbon Splicer



ERICSSON

SPLICING 12-FIBER RIBBON HAS NEVER BEEN SO EASY, ACCURATE AND USER-FRIENDLY

Ericsson's new RSU 12 fusion splicer is the dream machine for splicing ribbon with up to 12 fibers quickly, easily and accurately. Like all our splicers, we designed it with the user in mind to make operation and handling virtually effortless.

You will especially appreciate the large-view color monitor. The menu with help functions. And the full focus on *all fibers at the same time.* Plus a wide range of fully automatic programs incorporating more than 15 years of field experience and Ericsson's unsurpassed know-how in fusion splicing and precision "hot image" splice estimation.

The RSU 12 is loaded with a host of other convenient features, like a safety shield that doesn't block your view and a disc drive for storing/loading your data, programs and future software upgrades. You even have a built-in heat oven, and as an option, a built-in tensile tester.

And you will really like the RSU's complete portability, robust design and full range of accessories.

Wherever you splice ribbon, whatever the conditions, the RSU 12 will be your ultimate field companion. Don't accept less!



Designed to follow you anywhere: the RSU has a robust detachable cover and pop-out handle for easy carrying and transport.

With the RSU 12 Fusion Splicer you will get the following features:

- Fully automatic splicing procedures
- Full focus on all fibers at the same time
- 6.5" color monitor
- On-screen battery indicator
- Built-in disc drive
- High precision core estimation
- Data storage of 500 splices
- Built-in heat oven
- Unique safety shield construction
- Attachable magnifier
- Fully automatic arc compensation for:
  - *altitude*
  - *temperature*
  - *humidity*
  - *electrode condition*
- Full color user interface
- Remote communications capability
- Easy to transport
- Designed for harsh conditions
- Ergonomic design
- Load/download programs by disc

Technical Data

Fiber types	Single fiber or up to 12-fiber ribbon, single or multimode, DSF and NZ-DSF 125/250 mm and 125/900 mm cladding diameter
Typical splice loss	0.04 dB for identical SM 12 fiber ribbon
Fiber clamping	Fiber holders
Fiber positioning	Fixed V-grooves for radial alignment High precision stepper motors for axial alignment
Power sources	From power supply 100-240 V AC, 50-60 Hz, or attachable battery or directly from car battery 12V DC
Operating/Storage environment	0-45°C/20°–60°C, humidity max 98% RH non-condensing
Monitor/Magnification	6.5" TFT color display/35 x fiber magnification
Size/Weight	223x346x165 mm (WxDxH)/5.3 kg

Ericsson Network Technologies AB
Stockholm, SWEDEN
Phone +46 8 475 9000
www.ericsson.com/networktechnologies

EN/LZT 108 1022 Rev C
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