

Fusion Splicer  
FSU 975  
single fiber splicing

Easier operation and even more automatic

- *Faster splicing sequence*
- *Warm image direct access*
- *PC communications package*
- *Special software included*



# We've taken splicing to new heights by making one of our best splicers even better

Take all the well-known features of our FSU 925 splicer, make them better, improve performance and package everything in a design that's even more user-friendly and simpler to operate. The result? The new FSU 975.

You get enhanced versatility and functionality plus all the benefits of Ericsson's unique loss estimation method. The splicer even comes complete with software for erbium, and for attenuating and tapering fibers.

That's not all. The FSU 975 also has a

fast splicing sequence and can store data for up to 150 splices.

You get Windows 95/NT-based PC communications software for editing parameters, loading/downloading programs, making print-outs and storing data on diskettes. You can even build your own macros with simple record and playback functions

By integrating the latest camera technology, the FSU 975 offers state-of-the-art high resolution imaging for accurate alignment and the best possible estimation. You can work in temperatures above +40°C, thanks to

the automatic temperature control.

But we have saved the *biggest* news for last: the FSU 975 has one of the easiest operator interfaces we've ever designed. Features like the new panel with one-touch access to warm images, easier selection of splicing parameters and alphanumeric names for programs.

Take your splicing to new heights the Ericsson way: faster, simpler and more cost-effective with the new FSU 975!

## Enhanced operating functions

### Warm Image Direct Access

One-touch button for immediate view

### Menu-based splicing programs

- Scrolling for easy program selection
- Alphanumeric choice of programs

### Extended temperature range

+40°C with temperature-control

## Splicing performance

### Fast automatic splicing sequence

### Data storage of up to 150 splices

### PC communications package for loading/downloading data, programs and parameter editing

## Special software included

### Erbium

for splicing erbium doped fiber

### Attenuator-making

for controlled splice attenuation (intended losses)

### Tapering

to transform fiber ends for:

- microlenses
- injecting light into LEDs
- splice tapering

## Technical Data

<b>Fibers</b>	Single-mode, multimode, dispersion-shifted, erbium Single fiber 125 mm/2 mm and 250 mm/2 mm
<b>Typical splice losses</b>	0.02 dB for identical SM fibers
<b>Power supply</b>	90-264 V AC, 50-60 Hz, 13.2 V DC with special adapter
<b>Operating environment</b>	0 to +40° C, 0-95% RH (non-condensing)
<b>Monitor</b>	3" high-resolution LCD monitor
<b>Size, weight</b>	370x220x145 mm (WxDxH), 6.5 kg