

Fusion Splicer FSU 995 for industrial splicing

*A New series of
Fusion Splicers
for industrial
applications*



Three splicers – each with its own unique features

The demand for more specialized and sophisticated splicing equipment for use in industrial applications has increased rapidly. To match this, Ericsson releases a new series of fusion splicers for industrial use.

The FSU 995 series has all the unique features needed to satisfy demanding requirements of specialized fiber splicing, such as PM splicing, Erbium splicing and thin core fiber splicing.

Equipped with upload/download software

The FSU 995 series consists of three different splicers, each with its own

unique features. The FSU 995 FA for standard factory applications, the FSU 995 PM for splicing of Polarization Maintaining fibers, and the FSU 995 HS for high strength splicing.

The FSU 995 series comes with a host of new features, such as thin core alignment, negative index

Extinction ratio estimation on PM fibers

matching, negative altitude compensation and automatic arc recentering.

Erbium fiber software included in all splicers

To enable fast and efficient splicing results or service, the new Ericsson splicers are fully equipped with software for uploading and downloading data to work stations.

Features

| | FSU 995 FA | FSU 995 PM | FSU 995 HS |
|--------------------------------|-------------------------|-----------------------------|-------------------------|
| Fibers | All single fibers | All single fibers/PM fibers | All single fibers |
| Splice loss | Typical value 0.02 dB | Typical value 0.02 | Typical value 0.02 dB |
| Extinction ratio estimation | NO | Mean value 32.2 dB | NO |
| Operating environment | 0– -40°C, 0–95% RH | 0– -40°C, 0–95% RH | 0– -40°C, 0–95% RH |
| Fiber fixture handling | YES | YES | YES |
| Warm image direct access | YES | YES | YES |
| Erbium fiber splicing | YES | YES | YES |
| PM fiber splicing | NO | YES | NO |
| High strength splicing | NO | NO | YES |
| Thin core alignment | YES | YES | YES |
| Automatic arc recentering | YES | YES | YES |
| Negative index matching | YES | YES | YES |
| Negative altitude compensation | YES | YES | YES |
| Upload/download software | YES | YES | YES |
| PC communication package | YES | YES | YES |
| Transport casing | Rugged cabin sized case | Rugged cabin sized case | Rugged cabin sized case |