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Data Sheet

August 1, 2026

ERICSSON

ERICSSON FSU 995FA FUSION SPLICER / CLEAVER

ERICSSON FSU 995FA FUSION SPLICER / CLEAVER, An integrated fusion splicing and cleaving system designed for efficient field operation that combines splicing and fiber preparation in one unit for fast and reliable fiber optic cable termination.



MODEL

Ericsson FSU 995FA

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

FSU 995FA

LISTING

<https://aumictechlabs.com/products/fsu-995fa-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The ERICSSON FSU 995FA is a portable fusion splicer and cleaver system engineered for field fiber optic termination. It combines single-fiber splicing with integrated fiber preparation, delivering typical splice loss of 0.02 dB for identical single-mode fibers. The instrument employs hot core alignment with mode coupling theory and hot image processing to personalize splicing procedures based on fiber type and environmental conditions. Technical Specifications Splice Loss: Typical 0.02 dB for identical single-mode fibers Cladding Diameter Range: 30–270 mm (Automode); 30–400 mm (Manual mode) Secondary Coating: Up to 1 mm diameter on fibers with 125 mm cladding (blue V-grooves); loose-tube secondary coating up to 2 mm tube diameter (black V-grooves) Primary Coating: Nominal 250 mm Operating Temperature: 0°C to –40°C Humidity: 0–95% RH Power Supply: 12 V DC battery or 50–60 Hz power supply unit Interface:

RS232 PC communication via rear PWR outlet and cableKey Features Hot core alignment with thin core alignment capability Negative index matching and altitude compensation Automatic arc recentering Warm image direct access Erbium fiber and high-strength splicing modes Dual V-groove sets: blue (bare fiber) and black (primary coated) 10 factory-preset programs (01–10) plus 40 user-editable slots (11–50) Automode and Manual operating modes Data upload/download functionality with PC communication package Optional plug-in unit for standard heat-shrink sleevesTypical Applications Standard factory splicing, fiber tapering, attenuator production, erbium fiber splicing, and field termination requiring minimal splice loss across single-fiber configurations.Compatibility & Integration Accepts all single-fiber types within specified cladding and coating ranges. Supports RS232 connectivity for workstation integration and custom program development. Portable carrying case design enables field deployment.

Features & description

From manufacturer datasheet

Features

- Core-alignment fusion splicing for production use
- Typical SM splice loss about 0.02 dB
- Cladding diameter Automode about 30-270 um; Manual about 30-400 um
- Coating diameter capability up to about 2000 um
- Built-in splice programs: NORMAL, DSF, MM, hot core, attenuator making
- Factory-oriented FSU 995FA variant (vs PM / HS siblings)
- Cleaver supplied as kit accessory when ordered as splicer/cleaver set

FSU995FA Characteristics / Specifications

PARAMETER	VALUE
Model	FSU 995FA
Manufacturer	Ericsson
Instrument Type	Core-alignment fusion splicer
Typical Splice Loss (SM)	about 0.02 dB
Cladding Diameter	Automode approximately 30-270 um; Manual approximately 30-400 um
Coating Diameter	up to approximately 2000 um
Fiber Types	SM, DSF, MM, erbium-doped, thin-core (program dependent)
Programs	NORMAL / DSF / MM / hot core / attenuator making
Cleaver	separate accessory (often EFC-11 class) when kit includes cleaver Related Models
FSU 995PM	polarization-maintaining variant
FSU 995HS	high-strength / related factory variant Standard Operating Conditions Useaclean, correctly adjusted cleaver; inspect endfaces before arc. Select the program matching fiber type. Maintain electrode condition and follow Ericsson cleaning/maintenance intervals. Protect splices with appropriate sleeves and heaters as configured.
Built-in splice programs	NORMAL, DSF, MM, hot core, attenuator making

FSU995FA Specifications

PARAMETER	VALUE
Ericsson FSU 995FA Fusion Splicer	Overview
Key Features	- Core-alignment fusion splicing for production use
Technical Specifications	Model: FSU 995FA
Related Models	FSU 995PM — polarization-maintaining variant

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications

Specifications

PARAMETER	VALUE
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Related Models

FSU 995PM – polarization-maintaining variant
FSU 995HS – high-strength / related factory variant

Standard Operating Conditions

Useaclean, correctly adjusted cleaver; inspect endfaces before arc. Select the program matching fiber type. Maintain electrode condition and follow Ericsson cleaning/maintenance intervals. Protect splices with appropriate sleeves and heaters as configured.

Operational Notes

User listing "FUSION SPLICER / CLEAVER" indicatesakit context-confirm whether an EFC-class cleaver is present with the unit. Do not treat the cleaver as an integral FSU 995FA subassembly for spare-parts identity.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.