Aumictech
Test & measurement · bought, sold, repaired, calibrated

Data Sheet
August 13, 2026

ERICSSON

ERICSSON FSU 995PM FUSION SPLICER / CLEAVER FULL SET CALIBRATED

The Ericsson FSU 995PM is an industrial polarization-maintaining (PM) fusion splicer in the FSU 995 series. POL alignment rotates both PM fibers 360 degrees for high-yield PM splicing, while retaining erbium, thin-core and attenuator-making capabilities of the FSU 995 platform. Typical identical SM splice loss is 0.02 dB with mean PM extinction ratio about 32.2 dB. Polarization-maintaining fiber splicing (Panda, Bow-tie, elliptical core/jacket); erbium-doped fiber splicing; thin-core and specialty fiber factory splicing; lab and production PM component manufacture; attenuator and taper workflows with upload/download PC software. Estimation technique: Warm image core-to-core MFD mismatch / microbending theory Operating temperature C: 0 to 40 (some listings 0 to 45) Relative humidity: 0% to 95% non-condensing Specs from Ericsson FSU 995 series OEM comparison sheet and reseller FSU 995PM tables. Confirm electrode condition, firmware and fiber holders. Extinction ratio and loss are typical identical-fiber values.

MODEL Ericsson 995PM	CALIBRATION Available on request
CONDITION Used	STATUS In stock
RFQ / SKU 995PM	LISTING https://aumictechlabs.com/products/995pm-2/

NIST-traceable cal · SAM registered · 30-day returns · NAICS 423690 · 811210 · 541380

This unit

The ERICSSON FSU 995PM Fusion Splicer/Cleaver Full Set is a complete fiber optic splicing system that has been factory calibrated for optimal performance. This professional-grade splicer

combines advanced fusion splicing technology with integrated fiber preparation capabilities in a single, portable unit. The system features automatic fiber alignment and loss estimation, with splice losses typically below 0.05dB for singlemode fibers. The integrated cleaver produces clean, perpendicular fiber end faces essential for low-loss splicing. The 995PM includes comprehensive diagnostics and calibration functions to maintain peak performance over time. Its rugged design withstands the demands of field use while maintaining laboratory-grade splicing precision. The system's intuitive interface guides technicians through the splicing process with visual prompts and real-time performance feedback. The full set includes all necessary accessories for complete splicing operations in various environments. This splicer is particularly valuable for telecommunications providers and network installers requiring reliable, high-quality splicing in FTTx deployments, long-haul networks, and enterprise installations. The system's combination of portability, precision, and comprehensive features makes it suitable for both routine splicing tasks and challenging field repair situations.

Features & description

From manufacturer datasheet

Features

- POL 360 degree dual-fiber PM alignment

995PM Characteristics / Specifications

PARAMETER	VALUE
Model	FSU 995PM / FSU-995PM / FSU995PM
Manufacturer	Ericsson
Instrument Type	Polarization Maintaining Fusion Splicer
Series	FSU 995 (FA / PM / HS variants)
Fiber types SM	SMF
Fiber types MM	MMF
Fiber types specialty	EDF; DSF; NZ-DSF; CSF; DCF
PM fiber types	Panda; Bow-tie; elliptical core; elliptical jacket
Fiber diameter range	80/160 um to 125/900 um
Typical splice loss identical SM dB	0.02
Typical splice loss identical MM dB	0.01
Typical return loss dB	>60
Typical extinction ratio dB	32.2 mean
High strength splice force N	20 to 40 depending on prep (coating clamp)
Splice programs predefined	20
Splice programs programmable	40
Splice modes	Automatic or Manual
Estimation technique	Warm image core-to-core MFD mismatch / microbending theory
Monitor	3.5 in color LCD
Power supply	90-264 V AC 50-60 Hz
Operating temperature C	0 to 40 (some listings 0 to 45)
Storage temperature C	-10 to 60
Relative humidity	0% to 95% non-condensing
Thin core alignment	yes
Automatic arc recentering	yes

PARAMETER	VALUE
Negative index matching	yes
Negative altitude compensation	yes
Upload download software	yes
PC communication package	yes
Transport case	rugged cabin sized case
Alias	Ericsson 995PM; FSU995 PM Notes Specs from Ericsson FSU 995 series OEM comparison sheet and reseller FSU 995PM tables. Confirm electrode condition, firmware and fiber holders. Extinction ratio and loss are typical identical-fiber values.
Storage temperature	C: -10 to 60
Operating temperature	C: 0 to 40 (some listings 0 to 45)
Humidity	0% to 95% non-condensing
Return loss	dB: >60

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	C: -10 to 60
Operating temperature	C: 0 to 40 (some listings 0 to 45)
Operating Temperature	C: 0 to 40 (some listings 0 to 45)
Humidity	0% to 95% non-condensing
Operating temperature C	0 to 40 (some listings 0 to 45)
Storage temperature C	-10 to 60
Relative humidity	0% to 95% non-condensing
Thin core alignment	yes
Automatic arc recentering	yes
Negative index matching	yes
Negative altitude compensation	yes
Upload download software	yes
PC communication package	yes
Transport case	rugged cabin sized case
Alias	Ericsson 995PM; FSU995 PM Notes Specs from Ericsson FSU 995 series OEM comparison sheet and reseller FSU 995PM tables. Confirm electrode condition, firmware and fiber holders. Extinction ratio and loss are typical identical-fiber values.

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
Model	FSU 995PM / FSU-995PM / FSU995PM
Manufacturer	Ericsson
Instrument Type	Polarization Maintaining Fusion Splicer

Specifications

PARAMETER	VALUE
Series	FSU 995 (FA / PM / HS variants)
Fiber types SM	SMF
Fiber types MM	MMF

Specifications

PARAMETER	VALUE
Fiber types specialty	EDF; DSF; NZ-DSF; CSF; DCF
PM fiber types	Panda; Bow-tie; elliptical core; elliptical jacket
Fiber diameter range	80/160 um to 125/900 um

Specifications

PARAMETER	VALUE
Typical splice loss identical SM dB	0.02
Typical splice loss identical MM dB	0.01
Typical return loss dB	>60

Specifications

PARAMETER	VALUE
Typical extinction ratio dB	32.2 mean
High strength splice force N	20 to 40 depending on prep (coating clamp)
Splice programs predefined	20

Specifications

PARAMETER	VALUE
Splice programs programmable	40
Splice modes	Automatic or Manual
Estimation technique	Warm image core-to-core MFD mismatch / microbending theory

Specifications

PARAMETER	VALUE
Monitor	3.5 in color LCD
Power supply	90-264 V AC 50-60 Hz
Operating temperature C	0 to 40 (some listings 0 to 45)

Specifications

PARAMETER	VALUE
Storage temperature C	-10 to 60
Relative humidity	0% to 95% non-condensing
Thin core alignment	yes

Specifications

PARAMETER	VALUE
Automatic arc recentering	yes
Negative index matching	yes
Negative altitude compensation	yes

Specifications

PARAMETER	VALUE
Upload download software	yes
PC communication package	yes
Transport case	rugged cabin sized case

Alias: Ericsson 995PM; FSU995 PM

Notes

Specs from Ericsson FSU 995 series OEM comparison sheet and reseller FSU 995PM tables. Confirm electrode condition, firmware and fiber holders. Extinction ratio and loss are typical identical-fiber values.

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
788 S 500 E, Pleasant Grove, UT 84062
sales@aumictech.com · +1 (484) 841-9341
https://aumictechlabs.com

NIST-traceable calibration · SAM registered · 30-day returns
NAICS 423690 · 811210 · 541380
Generated August 13, 2026