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Data Sheet

August 15, 2026

FITE L

Fitel S122C Handheld Fusion Splicer

Fitel Furukawa S122C Handheld Clad Alignment Fusion Splicer The FITE L S122C is the clad-alignment handheld splicer in the S122 series (splice-on-connector ready, short cleave). OEM S122 series sheet lists SMF/MMF/DSF/NZDSF, 125 um cladding, 250 to 900 um coating (single fiber), typical splice loss SMF 0.05 dB / MMF 0.03 dB / DSF 0.08 dB / NZDSF 0.08 dB, 13 s splice on S122A class, tension test 1.96 N, 40/60 mm sleeves, 150 splice programs and 12 heat programs, 1500 splice memory on S122A/M4 class, AC 100 to 240 V, DC 10.6 to 12.6 V, 50 splices with heat-shrink on S122A/M4, operating minus 10 to plus 50 C, storage minus 40 to plus 60 C, about 800 g plus 170 g battery. S122C typical SMF insertion 0.05 dB, 50 splice-cycle battery, 20 to 60 mm sleeves. The FITE L S122C is the clad-alignment handheld splicer in the S122 series (splice-on-connector ready, short cleave). OEM S122 series sheet lists SMF/MMF/DSF/NZDSF, 125 um cladding, 250 to 900 um coating (single fiber), typical splice loss SMF 0.05 dB / MMF 0.03 dB / DSF 0.08 dB / NZDSF 0.08 dB, 13 s splice on S122A class, tension test 1.96 N, 40/60 mm sleeves, 150 splice programs and 12 heat programs, 1500 splice memory on S122A/M4 class, AC 100 to 240 V, DC 10.6 to 12.6 V, 50 splices with heat-shrink on S122A/M4, operating minus 10 to plus 50 C, storage minus 40 to plus 60 C, about 800 g plus 170 g battery. S122C typical SMF insert



MODEL

Fitel S122C

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

S122C

LISTING

<https://aumictechlabs.com/products/s122c-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 • 811210 • 541380

This unit

The Fitel S122C is a compact, light weight, core alignment fusion splicer. It is FTTx, LAN, and other fiber optic applications. Despite its small size, the S122C offers fast splicing and heating times, providing efficient and reliable fiber optic splicing in the field. The splicer is easy to use and features a user-friendly interface.

S122C Characteristics / Specifications

PARAMETER	VALUE
Model	S122C
Instrument Type	Handheld clad-alignment fusion splicer
Splicing Method	clad alignment
Fiber Types	SMF, MMF, DSF, NZDSF
Cladding Diameter	125 um
Coating Diameter	250 um to 900 um single fiber
Typical Smf Loss	0.05 dB
Typical Mmf Loss	0.03 dB
Typical Dsf Loss	0.08 dB
Typical Nzdsf Loss	0.08 dB
Splice Time Class	13 s on S122A class
Tension Test	1.96 N
Sleeve Length	20 to 60 mm (40/60 mm family)
Splice Programs	max 150
Heat Programs	max 12
Splice Memory	max 1500 on S122A/M4 class
Ac Input	100 to 240 VAC
Dc Input	10.6 to 12.6 V
Battery Cycles	50 splices with heat-shrink protection
Operating Temperature	minus 10 C to plus 50 C
Storage Temperature	minus 40 C to plus 60 C
Mass Class	800 g (1.8 lb) plus 170 g (0.4 lb) battery
Manufacturer	Furukawa FITEL
Literature	FITEL S122 series specification sheet
Application Class	FTTx LAN backbone long-haul

S122C Specifications

PARAMETER	VALUE
Key Features	Clad-alignment handheld splicer
Typical SMF 0.05 dB	50 splice-cycle battery class
Technical Specifications	Model: S122C

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Storage temperature	minus 40 C to plus 60 C
Operating temperature	minus 10 C to plus 50 C
Operating Temperature	minus 10 C to plus 50 C
Mass Class	800 g (1.8 lb) plus 170 g (0.4 lb) battery
Manufacturer	Furukawa FITEL
Literature	FITEL S122 series specification sheet
Application Class	FTTx LAN backbone long-haul Notes From FITEL S122 series specification sheet and S122C clad-alignment rows (0.05 dB SMF typical, 50 cycles, 100-240 VAC, 10.6-12.6 VDC, minus 10 to 50 C). ConfirmCversus A/M4 ribbon SKU on the installed unit.

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	
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PARAMETER	VALUE
Model	S122C
Instrument Type	Handheld clad-alignment fusion splicer
Splicing Method	clad alignment
Fiber Types	SMF, MMF, DSF, NZDSF
Cladding Diameter	125 um
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Sleeve Length	20 to 60 mm (40/60 mm family)
Splice Programs	max 150
Heat Programs	max 12
Splice Memory	max 1500 on S122A/M4 class
Ac Input	100 to 240 VAC
Dc Input	10.6 to 12.6 V
Battery Cycles	50 splices with heat-shrink protection
Operating Temperature	minus 10 C to plus 50 C
Storage Temperature	minus 40 C to plus 60 C
Mass Class	800 g (1.8 lb) plus 170 g (0.4 lb) battery
Manufacturer	Furukawa FITELE
Literature	FITELE S122 series specification sheet
Application Class	FTTx LAN backbone long-haul

Notes

From FTEL S122 series specification sheet and S122C clad-alignment rows (0.05 dB SMF typical, 50 cycles, 100-240 VAC, 10.6-12.6 VDC, minus 10 to 50 C). ConfirmCversus A/M4 ribbon SKU on the installed unit.

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.