Fusion Splicer Fujikura

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Variants

38S 80S 41S+ 60S 28S 33S 22S

Details

Fujikura Fusion Splicer

The Fujikura 80S is a high-performance core alignment fusion splicer designed for precision fiber splicing. It offers fast splicing speed, low splice loss, and reliable performance for telecom, FTTH, and backbone network deployments.

Fiber Compatibility

Item	Specification
Applicable Fibers	SM (G.652), MM (G.651), DS (G.653), NZDS (G.655), BIF (G.657)
Fiber Count	Single Fiber
Fiber Diameter	Cladding: 80–150 ?m, Coating: 100–3000 ?m
Cleave Length	5–16 mm

Splicing Performance

Item	Specification
Splicing Modes	Total 100 modes
Splice Loss	SM: 0.02 dB, MM: 0.01 dB, DS/NZDS: 0.04 dB

Return Loss	> 60 dB
Splicing Time	7 sec (Fast), 10 sec (Auto), 15 sec (Standard SM)
Loss Estimation	Available

Heating

Item	Specification
Heating Modes	30 modes (built-in heater)
Heating Time	Typical 14 sec
Sleeve Support	60mm, 40mm, Fujikura FPS01

Storage & Functions

Item	Specification
Storage Capacity	2000 splice data / 100 images
Attenuation Splice	0.1–15 dB adjustable
Tension Test	1.96 – 2.25 N

Display & View

Item	Specification
Display	4.73-inch color LCD
Magnification	320× (single), 200× (dual axis)

Power

Item	Specification

Power Supply	AC 100–240V / DC 10–15V
Battery	14.8V BTR-09
Splice Cycles	Approx. 200 cycles

Environment

Item	Specification
Operating	0–5000m, -10°C to +50°C, 0–95% RH
Storage	-40°C to +80°C
Electrode Life	3000 arcs

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