

Fusion splicer & Equipment

Fusion splicer for polarization maintaining fiber
SUMIOFCAS Type-35SE-RC

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This is the model which is capable of splicing polarization maintaining fiber easily.

Standard package

Item	Quantity	Type
●TYPE-35SE-RC main unit	1pc	ER-2
●AC power supply cord	1pc	
●Electrodes	1pair	
●Carrying case	1pc	
●Work stand	1pc	
●Operation manual	1pc	

Features

- Capable of splicing polarization maintaining fibers.
- As HDCM is installed and automatically aligns and splices fibers, it is possible to obtain high quality fibers as well as stable splicing regardless of operator's skill.
- Aligns polarization axis within 2 minutes.
- Rotating angle indicator.
- Automatic correction of arc output/point with automatic arc test.
- Altering cleave length for 3 mm enables high strength splicing.

Specifications

■ Applicable fiber

Material / Silica glass
Fiber type / PMF, SMF, DSF, MMF
Core diameter / 4~16 μ m (PM, SMF)
/ 50~62.5 μ m
Fiber diameter / 80~150 μ m
Coating diameter / 0.25mm, 0.9mm
Cleave length / 3mm, 9mm

■ Standard performance (Our own identical fiber splicing)

Splice loss (Typical) / PMF (PANDA)... 0.07dB
SMF0.03dB
MMF0.02dB
Extinction ratio (Typical) / Less than -35dB
Angle shift (Typical) / Less than 1.2°

■ Splice programs / 21 (max.)

■ Alignment method / Core alignment (PM, SMF)
/ Diameter alignment (PM, SMF, MMF)

■ Heating programs / 4 (max.)

■ Dimensions

Size / 220(W) x 235(D) x 210(H) mm
Weight / Approx. 10kg
TV monitor / 3 inch

■ Power source / AC 100-240V (50/60Hz)
DC 12V