



KOC Europe

The Global Solution in Active and Passive Fiber Optic Components

Product Datasheet

KOC-720B Single-Fiber Fusion Splicer

Description

RoHS compliant

The KOC 720B Single-Fiber Fusion Splicer has been designed specifically for field work. With both automatic and manual modes, it will splice SM, MM, DS, NDSF and EDF with losses comparable to much more expensive splicers.

Apart from its very competitive price, perhaps its strongest point of this RoHS compliant product is its battery. A single charge will give 180 continuous splices and heats.

Please see the downloadable datasheet on our website for more information and contact us now for how this machine could help you and your clients.



Features

- Supplied With KOC-105 Cleaver Included, spare electrodes, etc
- Digital color display
- Simultaneous X and Y views
- 9 sec. splice time, 40 sec. tube-heat time
- Large capacity 10Ah internal battery
- SYSTEM TEST ensures optimal working parameters
- User programmable
- Auto check fiber end-face
- Self calibration of operational parameters
- Stores 8000 groups of splice results
- Multiple language options (can be customized)

Supplied with

- KOC-105 High-Precision Cleaver
- Li Battery
- AC adaptor
- AC Power Cord
- Charger
- Spare Electrodes (1 pair)
- Cooling tray
- Charger cord
- Instruction Manual
- Carrying Case

Specifications

Applicable fibers	: SM, MM, DS, NZ-DS, EDF
Cladding diameter	: 100 to 150µm
Coating diameter	: 100 to 1000µm
Fiber cleaved length	: 16mm (standard)
Splicing mode	: Auto & Manual
Average splice loss	: 0.02dB (SM), 0.01dB (MM), 0.04dB (DS), 0.04dB (NZDS)
Return loss	: ≥ 60dB
Environmental operating conditions	: -25 to +50°C, 0 to 95%RH, 0 to 5000m (altitude)
Storage environment	: -40 to +80°C, 0 to 95%RH
Protection sleeve length	: 20mm, 40mm, 60mm
Tension test	: 2.0N (Standard)
Language	: English, Chinese, Korea, Russian etc.
Interface	: RS232 interface & video output
Dimensions (mm)	: 160 (W) x 160 (H) x 180 (D)
Weight	: 4.2kg
Power supply	AC adaptor: 176 - 264V input voltage
	Internal battery 12V voltage, 10Ah
	DC adaptor: 12V voltage, optional multipurpose external battery