S-12PM-250 — Polarization Maintaining Fiber Fusion Splicer
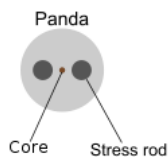
SHiNHU
SHINHO · CONNECTING FUTURE

Designed for Polarization Maintaining Fiber

Features

* Siutable for SM/MM/PM fibers splicing
* Typical SM fiber splicing time less than 15s
* Core to core alignment, low splicing loss
* Endview and Profile observation and alignment
* Automatic ARC calibration and splicing
* PM fiber 45 and 90 degree alignment
* Applicable to variety fibers splicing, such as
Panda ,bow-tie and elliptical fiber
*Support 4000/100 groups fusion records/fusion images
*Could identify fiber type automatically

MORE INFO

Panda
Core   Stress rod

Elliptical-clad

Bow-tie

ARC Fusion Splicer

S-12PM-250 Polarization Maintaining Fiber Fusion Splicer

SPECIFICATIONS

Applicable fiber	SMF(ITU-G652), MMF(ITU-G651), NZDS(ITU-G655), DS(ITU-G653),EDF
PM fiber	Panda, Bow-tie and Elliptical fiber
Endface direct view	PAS and fiber endface direct view available
Cladding diameter	125 ~ 250μm
Coating diameter	250 ~ 900μm
Average splice loss	SMF: 0.03dB, MMF: 0.05dB, NZDS:0.02dB, PMF 0.06dB
Extinction ratio	-32dB (PANDA)
Cleaved length	Standard 8 ~ 10mm
Alignment method	Profile and Endface alignment
Splicing program	40group
Heating mode	Manual, Automatic
Operation mode	Manual,Automatic
Typical splice time	SMF/MMF: 15seconds; PM Fiber:90seconds
Typical heating time	Typical 50s, could customize
PM Splicing mode	Support splicing at 45 degree and 90 degree
Fiber magnification	180X (X or Y view), 90X (X and Y view)
Viewing display	Dual high sensitivity camera, 5 inch 800*480 LCD Monitor
Data storage	4000 groups data records
Tension test	1.96N
Interface	GUI menu interface, easy for operation
Power supply	Adaptor, input: AC100-240V(50/60HZ),output: DC11-13.5V
Terminals	USB 2.0 port, for software upgrading, records exporting
Operating condition	-10℃ to 50℃
Dimension/Weight	260mm(W)×202mm(D)×170mm(H) /4.5kg

PACKAGE

Fusion splice	Fiber stripper	Cooling tray	Spare electrodes	Fiber holder	Power adapter

Power plug	User manual