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OSC-810

Single Fiber Fusion Splicer

Description:

The OPTOKON OSC-810 is an automatic fusion splicer for SM, MM, DS, NZ-DS (G655), EDF and other fibers. The OSC-810 can ensure high-quality splicing even in the most unfavorable environment conditions. The OSC-810 splicers are suitable for core or cladding alignment. Using one of these methods the two cleaved fibers are automatically aligned by the fusion splicer in the X, Y plane, then are fused together. The bare fiber area is protected either by recoating or with a splice protector. A splice protector is a heat shrinkable tube with a strength member and less loss.

Features:

- PAS (profile alignment system) technology with Core to Core Alignment.
- 6 motors, Auto Focus
- Auto fiber identification
- Automatic Heating function
- Changeable internal battery
- 7 sec Splicing time
- 20 sec Heating time
- Store 20 000 groups of splice and heat results



Specifications:

Alignment	Core Alignment (PAS Technology)
Motor numbers	6 motors
Applicable fibers	SM, MM, DS, NZDS, G655, G657 and others
Splice Loss	0.01 dB (MM), 0.02 dB (SM), 0.05 dB (DS/NTDS)
Return loss	>60 dB
Tension test	> 2 N
Protection Sleeve length	20-60 mm
Splicing program	7 set program and 73 user programable
Language	English, French, Spanish, Russia, Korea, …
Interface	USB, data download and SW upgrade
Power supply	Internal Li battery, 12 V) 6.5 Ah AC input, 100-240 V
Weight	1.95 kg (with battery)
Size	152 x 142 x 140 mm (D x W x H)

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Standard package:



OSC-810 Fusion Splicer



Fiber Cleaver OCL-100[1]



Fiber Cleaver OCL-610[2]



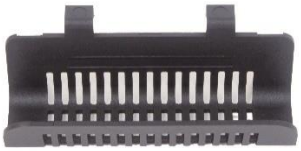
Carry Box



Charger Adapter



Spare Electrodes



Cooling Tray



Fiber Stripper



Drop Cable Stripper

Note: 1) Fiber cleaver OCL-100 – standard accessories, more info: OSC_02-19_EN-OCL-100
2) Fiber cleaver OCL-610 – optional accessories, more info: OSC_01-24_EN-OCL-610

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