

Fiber Fusion Splicer

SPTK-4010C



Specifications

- Waterproof, Dust proof, Windproof, Theft proof, Anti-shock
- Small and portable
- Button+touchscreen, easy to operate
- Stable performance, low power consumption, low losses

Operation condition

- Temperature: -10~+50°C
- Humidity: 0-95%
- Altitude: 0~5000m
- Wind velocity up to: 15m/S

Product Parameters

Fiber alignment	fiber core,cladding Six motor automatic focusing
Applicable fibers	Single / SMF (G.652/657), MMF (G.651), DSF (G.653), NZDSF (G.655)
Cladding diameter	80~150μm
Sheath diameter	100~1000μm
Splice method	Fully automatic/semi-automatic/manual
Typical splice time	8s (SMF typical value)
Typical splice loss	0.02dB (SM), 0.01dB (MM), 0.04dB (DSF),0.04dB (NZDS) and 0.02dB(BI)



Heating mode	Supporting automatic or manual heating
Heating time	18 sec.
Applicable protection sleeve	20~60mm
Splice result record	1000 sets
Viewing methods	5inch HD touch screen, dual button/ touch operation, content can be flipped and operated in both directions
Magnification	300 times (X-axis/Y-axis)
System upgrade	USB port (for software upgrade/export data and power output)
Electrode life	Typical 3000 splices
Battery capacity	6700mAh(Typical number of splicing and heating operations 200 times)
Power supply	Built in Lithium battery 11.8V power supply, charging time about 3.5hours External adapter: AC100-240V, 50/60Hz output DC 13.5V/4.81A
Fiber tensile test force	1.96N~2.1N
VFL	>15km
OPM	Range(dBm):-70 to +10dBm/Wavelength 850-1650nm
Operating condition	-15 to 50 degree Humidity:0 to 95%RH Temperature:-10 to 50°C altitude: 5000m/wind speed<15m/m
Storage condition	Temperature:-10 to 50°C,Humidity:0 to 95%RH Humidity:0 to 95%RH Temperature:-10 to 50°C(Battery:-10 to 50°C)
Size /weight	163W x 151D x 145H (mm) /1.67kg (2.07kg including battery)





Part Number	Product Description
SPTK-4010C	Optical Fiber Fusion Splicer 6 motors with OPM and VFL function

Note: If you need more customized services, please contact us.

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