

Optical Fiber Fusion Splicer

ABL-200P

DESCRIPTION

ABL-200P fiber fusion splicer is designed for fusing single fiber. The core digital alignment technology is adopted to effectively reduce the loss during the construction, SM fiber loss 0.02dB and MM0.01dB. Manual, semi-automatic and full-automatic operation modes are freely selected. The suit is equipped with high-precision fiber cleavers, strippers and other necessary tools required for fusion splicing, convenient for field operation.

FEATURES

- 6S fast splicing, 16S fast heating
- 5000 times electrode service life
- 7800mAh battery, 400 cycles of splicing and heating
- Average splice loss 0.01dB
- Can store 10000 sets of splicing results and 100 sets of images
- 4.3 inch LCD color display
- USB interface, convenient for data download and software update
- Silicone protective cover, can effectively waterproof, anti-fall, anti-vibration
- Real-time discharge correction, stable splicing accuracy

APPLICATIONS

→ FTTX → Data center → LAN/WAN network → Industries → Telecom network → Ethernet network

SPECIFICATIONS

Alignment method	Core to core alignment
Applicable fiber type	SM(ITU-TG.652&G.657) / MM(ITU-TG.651) / DS(ITU-TG.653) / NZDS(ITU-TG.655)
Fiber type	Replaceable universal fixture, SOC fixture (optional)
Fiber diameter	Cladding diameter: 80- 150μm, coating diameter: 100~1000μm
Cutting length	8~16 mm
Splicing mode	Maximum128 groups
Splicing loss	SM:0.02dB/ MM: 0.01dB/ DS: 0.04dB/ NZDS: 0.04dB/ G.657: 0.02dB
Return loss	>60dB
Splicing time	6 seconds (SM G652 QUICK mode)
Loss estimation	Yes
Heating time	16 seconds(SM G652 250um 40mm heat shrink tube,based on quick mode) user adjustable
Applicable heat shrinkable length	20mm, 30mm, 40mm, 50mm, 60mm
Heating mode	Maximum 32 groups
Battery capacity	7800mAh Lithium battery, each cycle supports 400 times splicing and heating
Electrode life	About 5000 times discharges
Automatic discharge calibration	Automatically calibrate according to ambient temperature and air pressue changes
Result storage	10000 sets of splice data, or 100 sets of splice images
Tension testing	1.96~2.25N
Operating conditions	Altitude: 0~5000 meters, relative humidity: 0~95%, -20~50, maximum wind speed: 15 meter/second
Storage condition	Relative humidity 0~95% , -20~60°C temperature
Display screen	4.3 inches, high-denition LCD display
Zoom in and display	X,Y, XY, X/Y: 320 times magnication
Weight	1.72kg Without battery/ 2.25kg with battery
Size	158H x 132W x 157D mm (including rubber bumper)
Port	USB2.0



ORDERING INFORMATION

Description	Reference
Customized splicer, ABL-200P, European standard power cord	R0100000035
Customized splicer, ABL-200P, British standard power cord	R0100000036