Fusion Splicer Eloik

Variants

ALK-88A ALK 88A+

Details

Fusion Splicer Specifications

This fusion splicer is designed for precise optical fiber splicing with low splice loss, fast heating, and stable field performance. It supports multiple fiber types and offers a multi-functional fiber holder for different cable sizes.

Technical Specifications

Parameter	Specification
Applicable Optical Fiber Types	SM (G.652 / G.657), MM (G.651), DS (G.653), NZDS (G.655), EDF, BIF / UBIF
Applicable Fiber Core Number	Single Core
Applicable Fiber Diameter	Cladding Diameter: 80–150 ?m Coating Diameter: 100–1000 ?m
Fusion Splice Mode	Preset: 8 groups User Define: 792 groups
Average Fusion Splice Loss	SM: 0.02 dB, MM: 0.01 dB, DS: 0.04 dB, NZDS: 0.04 dB
Return Loss	Better than 60 dB
Fusion Splice Duration	9 sec (Typical) / 7 sec (Fast Mode)
Splice Loss Estimation	Available

Tension Test	2 N or more (optional)
Monitor	4.3-inch LCD Screen
Language	10 languages: Chinese, English, French, Spanish, Russian, German, Polish, Italian, Portuguese, Thai
Fiber Magnification	X / Y: 180× X or Y: 350×
Power Supply	13.5V / 5A Power Adapter
Battery	6800 mAh lithium battery More than 280 splice & heat cycles Charging time: 2 hours Rechargeable up to 500 times
Splice Results Storage	10,000 records Splice image: optional
Data Interface	USB 2.0
Operating Environment	Elevation: 0–5000 m Relative Humidity: 0–95% Temperature: -20°C to +55°C Maximum Wind Speed: 15 m/s
Storage Environment	Relative Humidity: 0–95% Temperature: -40°C to +80°C (except battery) Battery Storage Temperature: -10°C to +40°C
Size	167 × 154 × 141 mm
Weight	1.73 kg (without battery), 2.14 kg (with battery)
Fiber Holder	Multi-functional holder (250 ?m, 900 ?m, 2–3 mm) SC / LC / FC holder optional

Applicable Sleeve Length	60 mm, 50 mm, 45 mm, 40 mm, 25 mm (FP-03)
Heating Time	9 sec fast heating (customizable)
Heating Temperature	10–260°C (customizable)

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