Fusion Splicer Fiberfox Mini

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Variants

4S+ 5C+ 6SI 6S+

Details

FiberFox Mini 6S+ Fusion Splicer

The FiberFox Mini 6S+ is a compact core alignment fusion splicer using AOCAT technology for precise fiber alignment. It is designed for FTTH, ISP, and field applications with fast splicing speed and rugged performance.

Splicing Performance

Parameter	Specification
Alignment Method	Core Alignment (AOCAT Technology)
Splice Loss	SM: 0.02 dB, MM: 0.01 dB, DS/NZDS: 0.04 dB
Return Loss	? 60 dB
Splicing Time	Quick: 6 sec / Auto: 10 sec
Splicing Modes	166 modes (Pre-set: 38 / User: 128)
Attenuation	0.1 ~ 20 dB adjustable

Fiber Compatibility

Parameter	Specification

Fiber Type	SM (G.652 / G.657) MM (G.651) DS (G.653) NZDS (G.655)
Cladding Diameter	80 – 150 ?m
Coating Diameter	100 – 3000 ?m
Cleave Length	250 ?m: 10–16 mm >250 ?m: 16 mm
Sleeve Length	20 – 60 mm

Hardware & Display

Parameter	Specification
Display	4.3” Color LCD (Touch Screen)
Magnification	320× (Single) / 320× (Dual)
Camera	Dual CCD Camera with LED illumination
Data Storage	10,000 splice records / 2,000 images
Interface	USB (Mini-B)

Power & Environment

Parameter	Specification
Battery	Li-ion 5200 mAh, approx. 300 cycles
Power Supply	AC 100–240V / DC 12.6V

Operating Condition	Altitude: 0–5000m Temperature: -10°C to +50°C Humidity: 0–95% RH Wind: ?15 m/s
Storage Condition	Temperature: -20°C to +60°C Humidity: 0–95% RH
Dimensions	124 × 123 × 138 mm
Weight	1.5 kg (with battery)

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