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SPLICEXPERT

FiberFox MINI6S+

Compact and fully automatic fusion splicer

FEATURES

- AOCAT core alignment (Automatic Optical Core Analysis & Tracking System)
- 4.3″ color LCD touchscreen
- LED injection system (no mirrors)
- Special magnetic interchangeable holders for easy setup
- Fast splice time - 6 seconds

The SpliceXpert FiberFox MINI6S+ offers excellent value for money while ranking among the most powerful and durable fusion splicers on the market. With its water-resistant, dustproof, and shockproof design, it ensures reliable performance even in harsh environments.

The automatic and precise fiber core alignment, powered by the AOCAT system (Automatic Optical Core Analysis & Tracking) enables fast splicing in as little as 6 seconds.

The MINI6S+ is supplied with an extensive accessory package, including two rechargeable batteries and a crimp splice press with dedicated holder. The interchangeable fiber holders simplify the splicing process and can also be used with the included high-end cleaver, providing maximum flexibility in the field.

SCAN ME

IT Networks

itnetworks.softing.com/fiberfox-mini-6s

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TECHNICAL SPECIFICATIONS

SPLICING	
Method	High-end core alignment (AOCAT: Automatic Optical Core Analysis & Tracking System)
Average splice loss	SM (0.01 dB) MM (0.01 dB) DS (0.04 dB) NZDS (0.04 dB) RL: >>60 dB
Splice time	Quick: 6 s / SM auto: 10 s
Modes	166 modes (pre-set: 38 / user set-up: 128)
Attenuation	Available range: 0.1 - 20 dB
APPLICABLE FIBER (CABLE)	
Fiber type	SM (ITU-T G652 & G.657) MM (ITU-T G.651) DS (ITU-T G.653) NZDS (ITU-T G.655)
Coating diameter	100 - 3000 µm
Cladding diameter	80 - 150 µm
Cleaved length	Coating < 250 µm: 10 – 16 mm Coating ≥ 250 µm: 16 mm
HEATING	
Average time	10 s
Modes	41 modes (pre-set: 9 / user set-up: 32)
Applicable sleeve	20 - 60 mm
HARDWARE	
Connectivity (PC link)	USB Mini-B (5-pin)
Electrode lifespan	> 5500 arcs
Data storage	Splice records: 10 000 / image: 2000
Fiber detection	Dual CCD camera with LED emission system
Illumination	LED spotlight
Display	4.3" color LCD with touchscreen (tempered glass)
Battery	Li-Ion 11.1 V 5200 mAh 300 cycles (splicing & heating) Storage temperature: -20 - 40 °C
Power supply	AC 100 - 240 V or DC 12,6 V 1,8 A
Fiber display (magnetification)	Single image (X/Y): 320x Dual image (X&Y): 320x / 400x partial enlargement
Weight	1.5 kg (with battery: 1.9 kg)
Dimensions	124 x 123 x 138 mm (L × W × H)
RELIABILITY	
Wind protection	Maximum wind speed: 15 m/s
Operating environment	Altitude: 0 - 5000 m Temperature: -10 - 50 °C Humidity: 0 - 95 % RH
Storage conditions	Temperature: -40 - 80 °C Humidity: 0 - 95 % RH
Pull test	1,96 - 2,25 N (standard)

ORDERING INFORMATION

Article number	228400

SpliceXpert FiberFox MINI6S+

Scope of delivery:

1 FiberFox MINI6S+ splicer (1)
1 Cleaver 60A (2)
(High-quality fiber cutter with counter, automatic pre-tensioning, and fiber residue removal)
1 Stripper pliers (3-hole) (3)
1 AC power supply unit (4)
1 12V car adapter cable (5)
1 Cooling holder for shrink splice protection (6)
1 Pair of spare electrodes (7)
4 Removable fiber holders - 2 x 250 µm and 2 x 900 µm (8/9)
2 Rechargeable batteries (10)
1 Carrying strap (11)
1 CD with user manual (12)
1 USB upgrade cable (13)
1 USB data cable (14)
1 Robust carrying case with work surface (15)
2 Universal fiber holders (not pictured)

You can find additional accessory offers on our website, or contact us:

itnetworks.softing.com/contact

For more information please contact:

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