



FiberFox MINI4S+ Splicer with active alignment

FiberFox MINI4S+ is a fully automatic fiber optic splicer that combines compact design with high reliability. It is perfect for daily use in FTTH networks, LAN environments, and other applications.

With its LED injection system, the FiberFox MINI4S+ delivers a short splice time of 6 seconds in Quick mode and a heating time of 10 seconds.

The splicer uses Digitalized Active Alignment (DAA) technology for precise fiber alignment, achieving an average splice loss of only 0.03 dB for single-mode fibers.

It is compatible with various fiber types and provides intuitive operation via a 4.3" color touchscreen.

Its robust design, combined with the ability to operate on two rechargeable batteries, makes it a flexible and reliable tool for field use.

FEATURES

- Digitalized Active Alignment (DAA) technology
- 4.3" color LCD touchscreen
- LED injection system (no mirrors)
- Compact and lightweight design for mobile use
- Fast splice time – 6 seconds
- Comprehensive set of accessories included



SCAN ME

FiberFox MINI4S+

TECHNICAL SPECIFICATIONS

SPLICING

Method	Active Alignment (DAA: Digitalized Active Alignment)
Average splice loss	SM (0.03 dB) MM (0.02 dB) DS (0.05 dB) NZDS (0.05 dB) RL: >60 dB
Splice time	Quick: 6 s / SM: 8 s
Modes	140 modes (pre-set: 12 / user set-up: 128)
Attenuation	Available range: 0.1 - 20 dB

APPLICABLE FIBER (CABLE)

Fiber type	SM (ITU-T G.652 & 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: 5 - 16 mm Coating ≥ 250 µm: 8 - 16 mm
----------------	--

HEATING

Average time	10 s
Modes	36 modes (pre-set: 4 / 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: 10000 / Images: 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 11.1V 5200mAh 300 cycles (splicing & heating) Storage temperature: -20 - 40 °C
Power supply	AC 100 - 240V or DC 12.6 V 1.8 A
Fiber display (magnification)	Single image (X/Y): 320x Dual image (X&Y): 320x
Weight	1.4 kg (with battery: 1.8 kg)
Dimensions	124 x 123 x 138 mm (L x W x 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: -20 - 60 °C Humidity: 0 - 95 % RH
Pull test	1.96 - 2.25 N (standard)



ORDERING INFORMATION

Article number

228408

SpliceXpert FiberFox MINI4S+

Scope of delivery:

- 1 FiberFox MINI4S+ splicer (1)
- 1 Cleaver 50GB+ (2)
(High-quality fiber cutter with automatic fiber residue removal)
- 1 AC power supply unit (3)
- 1 12V car adapter cable (4)
- 1 Cooling holder for shrink splice protection (5)
- 1 Pair of spare electrodes (6)
- 4 Removable fiber holders - 2 x 250 µm and 2 x 900 µm (7/8)
- 2 Rechargeable batteries (9)
- 1 Carrying strap (10)
- 1 User manual (11)
- 1 USB upgrade cable (12)
- 1 USB data cable (13)
- 1 Robust carrying case with work surface (14)
- 1 Stripper pliers (3-hole) (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:

©2025 Softing IT Networks GmbH. In line with our policy of continuous improvement and feature enhancement, product specifications are subject to change without notice. Subject to errors and alterations. All rights reserved. Softing and the Softing logo are trademarks of Softing AG. All other cited trademarks, product and company names or logos are the sole property of their respective owners.

HEADQUARTER

Softing IT Networks GmbH
Richard-Reitzner-Allee 6
85540 Haar, Germany

+49 89 45 656 660
info.itnetworks@softing.com
itnetworks.softing.com

itnetworks.softing.com/fiberfox-mini-4s