

# Fibre Optic Cabling

## Mini 6s+ WiFi Core Alignment Splicer

The 6S+ Splicer range are the smallest but most powerful splicers to date. Weighing 1.49kg (without battery) and measuring at 123 x 124 x 138 mm ( WxDxH) the Mini 6S+ boasts a light and compact design, giving it excellent portability for day to day usage. The splicer is also waterproof, dustproof and shockproof giving customers convenience under any environmental condition. The Mini 6s+ can splice in 7 seconds and heat up in 15 seconds (with a 60mm sleeve). The splicer uses a Core Alignment AOCAT(Automatic Optical Core Analysis & Tracking System) and has outstanding fibre recognition, meaning a larger range of fibres are applicable. The 6S+ can connect to any device via wifi and send data in PDF format.

### Features & Benefits

- Heating time - 10 sec <60 mm sleeve>
- Splicing Method: Core Alignment AOCAT
- Two batteries are included in standard package - 200 cycles (splicing & heating) with two batteries
- Full touch screen - GUI interface & tempered glass
- SOC compatible
- The fastest splicing time - 7s with SM fibre
- Anti-shock, dust proof and waterproof



### Anti-shock



### Waterproof



### Dustproof



### Ordering Information

Product Description	Part Number
FibreFox Mini 6S+ with Premium Package	FF-FS-M6S-PLUS
Fibre Fox SE903 Spare Electrodes	FF-CT-ELEC

### Product Specifications

Splicing Method	Core Alignment AOCAT (Automatic Optical Core Analysis & Tracking System)
Average Loss	SM(0.01dB)/MM(0.01dB)/DS(0.04dB)/ NZDS(0.04dB)/G.657(0.02dB)
Return Loss	>>60dB
Splice Time	10s average SM / SM 7s Quick mode
Electrode Life Span	>5,500 arcs
Applicable Fibre	SM(ITU-T G.652&G.657), MM(ITU-T G.651), DS(ITU-T G.653), NZDS(ITU-T G.655), IT-G657A, IT-G657B / 0.25mm, 0.9mm, 2.0mm, 2.4mm, 3.0mm, FLAT(indoor cable)
Cleaved Length	Coating Diameter < 0.25mm = 5-16mm, Coating Diameter > 0.25mm = 16mm minimum
Coating Diameter	100-13000um
Cladding Diameter	80-150um
Heating Programs	Factory installed mode : 10, User installable mode : 32
Heating Time	Typical 10s
Protection Sleeve	40mm, 60mm, SOC Connector
Data Output	Micro HDMI-USB master device
Splice Programs	Factory installed mode: 37, User installable mode: 70+
Splice Memory	Up to 10,000 records and 2,000 splice images
Illumination	LED emitting white light (1 piece)
Battery	Typical 220 Cycles (Splice & Heat)/single battery <2 Batteries Standard>

### Product Specifications

Power Supply	AC 100-240V input or DC 12.6V-1.8A
Monitor	Color 4.3" LCD monitor, with Touch Screen (Tempered Glass)
Cameras	2 CCD camera system
Magnification	XY style : 160 power, X/Y : 320 power
Fibre Display	X/Y or XY, single X.Y
Weight	1.46Kg (without battery)
Size	123mm X 124mm X 138 mm
Wind Protection	The max wind speed 15m/s
Operating Environment	Elevation 0-5,000 meters, -10-50 °C, 0-95% relative humidity
Storage Condition	Temperature -20 to 60 °C, 0-95% relative humidity, battery -20-40 °C
Pull Test	1.96-2.25N (standard)
Attenuation splicing	Range : 0.1dB - 20dB (0.1dB step)