

# Fibre Optic Cabling

## Mini 22A Active Alignment Splicer

The Mini 22A active alignment splicer with it's innovative design and improved technology greatly reduces splicing and heating time. The digitalised active alignment technique ensures the accuracy of the splice loss estimation., whilst it's small size, compact design and reliable protective casing make it suitable for any operating environment - the perfect solution for FTTH. The Mini 22A is very user friendly with it's full touch-screen interface and the automatic splice mode is very simple to use.

### Features & Benefits

- Heating time - 18 sec <60 mm sleeve>
- Active alignment DAA (Digitalised Active Alignment).
- One battery is included in the standard package - 200 cycles (splicing & heating)
- Full touch screen - GUI interface & tempered glass
- SOC compatible
- Anti-shock, dust proof and waterproof
- Mini 50G Cleaver included

Ordering Information	
Product Description	Part Number
Fibre Fox 22a Active Core alignment Splicer Kit - includes 50GB + Cleaver	FF-FS-22A

Product Specifications	
Splicing Method	Active Alignment DAA(Digitalized Active Alignment)
Average Loss	SSM(0.02dB) / MM(0.01dB) / DS(O.OSdB) / NZDS(O.OSdB) / G.657(0.02dB)
Return Loss	>>60dB
Splice Time	12s average SM / SM 7s Quick mode
Electrode Life Span	>3,500 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 = 8-16mm minimum
Coating Diameter	100-1,000um
Cladding Diameter	80-150um
Heating Programs	Factory installed mode : 3, User installable mode : 23
Heating Time	Typical 18s
Protection Sleeve	40mm, 60mm, SOC-3.0, SOC-0.9
Data Output	Micro HDMI-USB master device
Splice Programs	8 user modes, User installable mode: 70+
Splice Memory	Up to 2,000 records
Battery	Typical 200 Cycles (Splice & Heat)



Anti-shock

Waterproof

Dustproof

Product Specifications	
Power Supply	AC 100-240V input or DC 9-14V
Monitor	Color 4.3" LCD monitor, with Touch Screen (Tempered Glass)
Cameras	2 CCD camera system
Magnification	Y: 150 times , X/Y: 300 times
Fibre Display	X/Y or XY, single X.Y
Weight	1.31Kg (without battery)
Size	122mm X 124mm X 138 mm
Wind Protection	The max wind speed 15m/s
Operating Environment	Elevation 0-5,000 meters, -15-60 °C, 0-95% relative humidity
Storage Condition	Temperature -20 to 40 °C, 0-95% relative humidity, battery -20-30 °C
Pull Test	1.96-2.25N (standard)
Attenuation splicing	Range : 0.1dB ~ 20dB (0.1dB step)