

Product name	Mini-3S active alignment V-groove fusion splicer complete package
Product code	1632562
Product type	MINI-3S
GTIN	7332811384714
ETIM-Class	EC001124



PRODUCT SPECIFICATIONS

4-Motor Active Alignment Splicer

- Splice loss ≤ 0.03 dB > 90%
- Splicing time 4 sec
- Weight 1.1 kg
- 200 cycles (splicing & heating)
- LED Injection
- Full touch screen - GUI interface with tempered glass
- SOC compatible
- Integrated V-groove on machine
- Heating time 18 sec with 60mm sleeve
- 3000mAh battery is included
- Dustproof IPX2
- Waterproof IP5X
- Anti-Shock 1 meter
- Elevation 0-5000m
- Max wind speed 15m/s
- Operating temperature $-15/+60^{\circ}\text{C}$
- Relative humidity 0-95%

Measurements

Length	396 mm
Height	190 mm

Width	220 mm
Weight	4,437 g

Technical Specifications - Fusion Splicers

Splicing Methode	Active Cladding Alignment
Average Splice Loss	sm(0.03db) / mm(0.02db) / ds(0.05db) / nzds(0.05db)
Average Splice Return Loss	>>60db
Average Splicing Time (SM)	8 s
Splicing Modes	139 modes (pre-set: 11 / user set-up: 128)
Splicing Attenuation Range	0.1 ~ 20
Fiber Types	sm (itu-t g.652 & g.657) , mm (itu-t g.651) , ds (itu -t g.653) , nzds (itu-t g.655)
Coating Diameter	100-3,000 µm
Cladding Diameter	80-150 µm
Cleaved Length on 250µm Coating	5~16 mm
Cleaved Length on >250µm Coating	8~16 mm
Average Heater Time	18 s
Heater Modes	37 modes (pre-set: 5 / user set-up: 32)
Applicable Sleeves	20 ~ 60 mm
Connectivity (Link to PC)	usb(5pin mini-b)
Electrode Life Span	>3,500 arcs
Data Storage	splice record : 10,000 / image : 2,000
Fiber Detecting	dual ccd camera with led emitting system
Illumination	led spot light
Display	color 4.3" lcd monitor, with touch screen (tempered glass)
Battery Type	li-ion 11.1v 3000mah
Average Battery Life	200 cycles (splicing & heating)
Battery Storage Temperature	-20~40 °C
Power Supply	ac 100-240v input or dc 12.6v 1.8a
Fibre Display (Magnification) Single Image	260 ×
Fibre Display (Magnification) Dual Image	130 ×
Wind Protection (Max Wind Speed)	15 m/s
Operating Altitude Range	0-5,000 m
Operating Temperature Range	-10~50 °C
Operating Humidity Range	0~95 %RH
Storage temperature Range	-20 to 60 °C
Storage Humidity Range	0~95 %RH
Pull Testing (Standard)	1.96~2.25 N