Data sheet/FDV

Product name	Active Alignment Fusionsplicer Complete package w, cleaver
Product code	1632538
GTIN	7332811319228
ETIM-Class	EC001124



Measurements

Length	455 mm
Height	212 mm
Width	286 mm
Weight	6,240 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)	6 s
Splicing Attenuation Range	0.1 ~ 20 dB
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	10 s
Heater Modes	36 modes (pre-set: 4 / user set-up: 32)
Applicable Sleeves	20 ~ 60 mm
Connectivity (Link to PC)	usb(5pin mini-b)
Electrode Life Span	>5,500 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 5200mah
Average Battery Life	300 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	320 X
Fibre Display (Magnification) Dual Image	160 X
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