

SAT-17A

Optical Fusion Splicer

SYNERGY TELECOM PVT LTD



Major Features

- ◎ 9 seconds quick fusion
- ◎ Low fusion consumption
- ◎ 5 inch LCD color display screen with high performance
- ◎ X or Y axis and X&Y axis view fiber
- ◎ Arc adjustment
- ◎ Estimating splice loss
- ◎ 8000 groups of sequential result

Specifications

Applicable fibers	SM (ITU-T G.652), MM (ITU-T G.651), DS (ITU-T G.653), NZDS (ITU-T G.655)
Fiber Count	Single
Cladding diameter	80 to 150 μ m
Coating diameter	250 to 1000 μ m
Fiber cleaved length	Typical 16mm
Splicing time	Typical 9 sec. with standard SM fiber
Average splice loss	0.02dB(SM) , 0.01dB(MM), 0.04dB(DS) , 0.04dB(NZDS)
Return loss	\geq 60dB
Tension test	2.0N
Applicable sleeves	60mm, 40mm and a series of micro sleeves
Splicing program	15(template), 1(user)
Storage of splice result	8000 results
Fiber image magnification	300X (X or Y view) , 150X (X and Y view)
Ambient environment	0 ~ 5000m above sea level, 0 ~ 95%RH and -10~50°C, respectively, Max. wind velocity of 15m/s
Power supply	Adapter input AC 85-260V output 11-14V Internal Li-battery: 12V,10Ah
Dimension	L×W×H:170×170×140mm
Weight	3.3 Kg

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- ◎ Arc adjustment
- ◎ Estimating splice loss
- ◎ 5000 groups of sequential result

Specifications

Applicable fibers	SM (ITU-T G.652), MM (ITU-T G.651), DS (ITU-T G.653), NZDS (ITU-T G.655)
Fiber Count	Single
Cladding diameter	80 to150 μ m
Coating diameter	100 to1000 μ m
Fiber cleaved length	8-16mm
Splicing time	Typical 9 sec. with standard SM fiber
Average splice loss	0.02dB(SM) , 0.01dB(MM), 0.04dB(DS) , 0.04dB(NZDS)
Return loss	\geq 60dB
Electrode life	2500
Battery capacity	Typical 160 cycles (splice and heat)
Tension test	2.0N
Applicable sleeves	60mm, 40mm and a series of micro sleeves
Heating time	Typical 30 sec
Splicing program	12(template), 188(user)
Storage of splice result	5000 results
Fiber image magnification	400X (X or Y view) , 200X (X and Y view)
Ambient enviroment	0 ~ 5000m above sea level, 0 ~ 95%RH and -10~50°C, respectively, Max. wind velocity of 15m/s
Power supply	AC adaptor 100-240V , output: DC11V-14V; Internal Li-battery(8000mAH)
Dimension	L×W×H:150×150×160mm
Weight	3.1 Kg including battery, 3.52 Kg including battery