

GOING FUTURE TODAY.



Optical compact fusion splicer

innovative and reliable

Core Alignment, 3 Axes, 6 Motors



AFS-GS60

- 5 inch TFT Monitor touch screen; 6 motor core alignment
- used for FTTH and FO backbone splicing
- fibre types: MMF/G.651, SMF/G.652, NZ-DSF/G.655, BIF/G.657, erbium-doped fibre (EDF)
- multi-in-one fibreclamp for bare fibre
- pigtail, drop cable, patchcord etc.
- crimp shrink protection heating
- auto splice result (loss estimation); automatic splice control
- typ. splice loss $\leq 0,02$ dB; return loss typ. > 60 dB
- battery time 180-200 splices with heating; 5000 splice records in CSV format
- standard package: 1x splicer unit, 1x fibre holder (pair), 1x lithium battery, 1x power adapter, 1x fibre cleaver, 1x cooling tray, 1x USB cable, 1x carry case



AFS-GS 60 splicer



cleaver



AC power cord



AC adapter



cooling tray



battery pack



straps for splicer



USB cable



straps for case



case

Technical data

Type		AFS-GS60
Order number		212 206
EAN-Code		4026187210427
Alignment		6 motors core alignment
Fibre type		SMF (G.652), MMF (G.651), DSF (G.653), NZ-DSF (G.655), BIF (G.657), EDF cladding: 80~150 µm, coating: 100~1000 µm
Cleave length	[mm]	8-16
Display	[inch]	5, touch screen
Splice loss	[dB]	MMF ≤ 0.01 (typical) SMF/BIF DSF/NZDSF/EDF ≤ 0.02 (typical) DSF/NZDSF/EDF ≤ 0.04 (typical)
Splice time	[s]	≤ 9 (SM fast mode)
Heating time	[s]	25, adjustable
Return loss	[dB]	≥ 60
Data storage		5000 splice records, 100 screenshots
Tension test	[N]	2
Protection sleeve	[mm]	40 - 60
Electrode life		5000 splices
Imaging system		Dual CMOS cameras, 200x zoom
Power supply	[mAh]	4400, lithium battery
Battery life		≥ 150 splicing and heating cycles
Data port		USB
Dimensions (L x W x H)	[mm]	125 x 125 x 135
Weight	[kg]	1,5 (with battery)
Ambient temperature	[°C]	-25 - +50 (operation) / -30 - +70 (storage)
Humidity	[%]	≤ 90
Altitude	[m]	0 - 5000
Wind speed	[m/s]	≤ 15