Fusion Splicer Tumtec

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Variants

18S 16S 16M 18H 83A 15H 83S V9 V6 V9+

Details

Tumtec Fusion Splicer

The Tumtec V6 is a high-performance core-to-core alignment fusion splicer designed for FTTH, backbone, and ISP field operations. It offers fast splicing, intelligent calibration, and stable performance in harsh environments.

Technical Specifications

Parameter	Specification
Model	All series
Dimensions	130 × 170 × 170 mm (without bumper) 140 × 170 × 176 mm (with bumper)
Weight	2.23 kg (with battery) / 1.85 kg (without battery)
Fiber Count	Single Fiber
Applicable Fibers	SM (G.652/G.657), MM (G.651), DS (G.653), NZDS (G.655)
Compatible Cable	0.25 – 3.0 mm indoor cable
Cleave Length	8 – 16 mm
Cladding Diameter	80 – 150 ?m

Splicing Modes	41 preset, max 100 modes
Heating Modes	5 preset (20/30/40/50/60mm), max 100 modes
Splice Loss	SM: 0.02 dB, MM: 0.01 dB, DS/NZDS: 0.04 dB
Return Loss	? 60 dB
Splicing Time	6 sec (Quick Mode)
Heating Time	13 sec (quick), 30 sec (typical)
Storage	20,000 records & 200 images
Display	4.3” high-resolution touchscreen
Magnification	500× (X/Y/XY view)
Battery	5200 mAh, approx. 250 splice & heat cycles
Power Supply	AC 100–240V / DC 12–15V
Operating Condition	0–5000 m, -10°C to +50°C, 0–95% RH, wind ? 15 m/s
Storage Condition	-40°C to +80°C, 0–95% RH
Calibration	Automatic arc calibration (temperature & pressure compensation)
Electrode Life	5000 arcs
Interface	USB 2.0 (Mini USB)

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