

Ribbon Fusion Splicer

Variants

COMWAY C10R

Details

Ribbon Fusion Splicer – Full Specifications

Item	Specification
Size & Weight	156 × 135 × 149 mm, 1.7 kg (2.5 kg with battery)
Applicable Fibers	SM (ITU-T G.652), MM (ITU-T G.651), DS (ITU-T G.653), NZ/NZ-DS (ITU-T G.655), BI (ITU-T G.657)
Fiber Count	Single to 12-core ribbon
Cladding Diameter	Single: 125 µm / 160 µm to 3 mm by fiber-holder system
Sheath Diameter	Ribbon: 125 µm / Ribbon fiber thickness 0.25–0.4 mm
Cleave Length	9 mm – 9.5 mm
Splice Modes	100 total splice modes
Typical Splice Time	13 sec (SM FAST), 16 sec (SM AUTO)
Heating Modes	20 heating modes
Typical Tube Heating Time	18 sec (SM FAST)
Applicable Sleeve	25–60 mm sleeves
Splice Image Capture	Max. 800 images
Splice Result Storage	Max. 10,000 records
Typical Splice Loss	SM: 0.05 dB, MM: 0.03 dB, DS: 0.08 dB, NZ/NZ-DS: 0.08 dB, BI: 0.05 dB

Item	Specification
Return Loss	> 60 dB
Fiber View	Dual-axis CMOS camera with 4.3-inch high-brightness color LCD
Fiber Magnification	X / Y (32–100×), or simultaneous X+Y
Operating Conditions	Altitude: 0–3800 m; Temperature: –10°C to +50°C; Wind: 15 m/s; Humidity: 0–95% RH
Tension Test	1.96N – 2.25N
Electrode Life	2000 splices
Power Supply	AC 100–240 V, 50/60 Hz
Battery	8400 mAh high-capacity battery; >240 cycles (splicing + heating)
Terminal	USB 2.0 for PC connection
Other Features	Time-delay password security, Anti-theft ID electrode system
Optional	GPS location system