

# Ribbon Fusion Splicer

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## Variants

COMWAY C10R

## Details

# Ribbon Fusion Splicer – Full Specifications

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

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

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