

SPARC™ FIRE FUSION SPLICERS



SPARC™ FIRE Fusion Splicers: Precision, Speed and Savings

Engineered for fast splice times and low splice loss, SPARC™ FIRE Fusion Splicers deliver exceptional results with every fiber connection. Designed to save time and reduce waste, these reliable tools ensure accurate, efficient splices whether core or clad aligned, in single or ribbon fiber optical cables. Compact and easy to use, they're the perfect choice for professionals aiming to boost productivity and profitability.

| SPECIFICATIONS | CORE (SPCO-1) | CLAD (SPCL-1) |
|---------------------|--|---|
| Alignment Method | Core Alignment | Active V-Groove Clad Alignment |
| Number of Fibers | Single | |
| Typical Splice Loss | SM: 0.01dB / MM: 0.01dB / DS: 0.03dB / NZDS: 0.03dB / G.657: 0.0dB | SM: 0.03dB / MM: 0.01dB / DS: 0.05dB / NZDS: 0.05dB / G.657: 0.03dB |
| Splice Time | Quick Mode: Avg. 4 sec / SM Mode: Avg. 5 sec / Auto Mode: Avg. 7 sec | Quick Mode: Avg. 4 sec / SM Mode: Avg. 5 sec |
| Heating Time | Quick: 9s / Average: 13s | |
| Protection Sleeve | 20 mm - 60 mm | |
| Battery | Battery Capacity: 5200mAh / Operation Cycle: 300 cycles (Splicing + Heating) | |
| Magnification | x360, x520 | |
| Motors | 6 | 4 |



R I B B O N

SPECIFICATIONS

RIBBON (SPRI-1)

Alignment Method

Core Alignment

Number of Fibers

Up to 12

Typical Splice Loss

SM: 0.01dB / MM: 0.01dB / OS: 0.03dB / NZDS: 0.03dB / G.657: 0.01dB

Splice Time

Quick Mode: Avg. 4 sec / SM Mode: Avg. 5 sec / Auto Mode: Avg. 7 sec

Heating Time

Quick: 9s / Average: 13s

Protection Sleeve

20 mm - 60 mm

Battery

Battery Capacity: 5200mAh / Operation Cycle: 300 cycles (Splicing + Heating)

Magnification

x360, x520

Motors

6

WEIGHT AND DIMENSIONS



CORE / CLAD

| | |
|--------|--------|
| Depth | 6.5 in |
| Width | 6.2 in |
| Height | 6 in |
| Weight | 5.2 lb |

RIBBON

| | |
|--------|--------|
| Depth | 6.8 in |
| Width | 6.5 in |
| Height | 6.5 in |
| Weight | 6 lb |