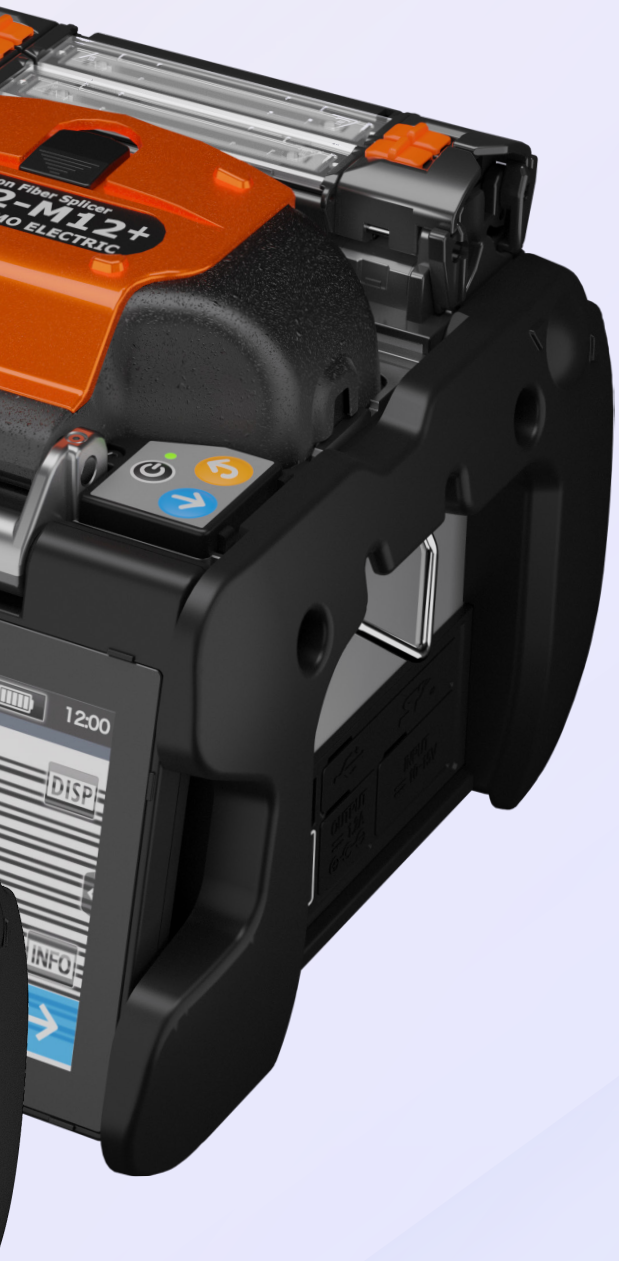

FUSION SPLICER SOLUTIONS

Sumitomo Electric Lightwave's (SEL) optical fusion splicers are industry leaders when it comes to innovation, speed, and performance. SEL strives to surpass these standards with each new standards in heater strives to surpass these standards for each new development in fusion splicing technology. For example, the patented dual indpendent ovens offer unprecendented speeds and improve splicing efficiency by a ground-breaking 80%.

Innovation is key. That's why SEL was the first company to introduce the patented breakthrough technology of the MPO Splice-On Connector, which revolutionized on-site connectivity and speed and brought lower project costs for the migration of network. As the leader in optical fiber and connectivity solutions, customers can expect reliability, flexibility, and high performance. After all, network infrastructure expansion is easy when you use state-of-the-art solutions. Freeform Ribbon® is the central component to achieve you project goals.

SUMITOMO ELECTRIC LIGHTWAVE

Quantum-Ultra Ribbon Fusion Splicer

The new AI-enabled Quantum-Ultra Ribbon with NanoTune™ technology is key to deploying next-generation hyper-scale networks. This future-proof machine has been designed to maximize work efficiency with state-of-the-art technology, including NanoTune™, E-ACAS, dual independent ovens, tool-free replaceable v-grooves, and special coatings. Highly versatile, it easily adapts to 1 to 16 count ribbon fiber and 250µm and 200µm ecosystems and is compatible with Lynx-CustomFit™ Splice-On Connectors.

Enhanced-ACAS

NanoTune™ Enhanced splice experience

BENEFITS

NanoTune™ utilizes AI technology to reduce the need for splice reworks caused by insufficient fiber preparation. E-ACAS helps align fiber properly on the high precision v-grooves resulting in an impressive 60% reduction in fiber offset errors. Patented coating technology on the v-grooves and camera lenses repels dust and dirt, reducing offsets and making cleaning simple.

FEATURES

- Fast Splicer with 11-Second Splice Time and Dual 28-Second Heaters
- Long Life Battery for 180 Splice and Heater Cycles per Charge
- Long Life Electrodes Up to 1,500 Arcs
- Ruggedized Design for Shock (Drop from 76 cm on 5 faces), Water and Dust Resistant (IP52)
- 5-inch TFT color LCD Monitor, Fully Navigational Touch Screen Monitor

OPTICAL FIBER REQUIREMENTS

PROPERTY	SPECIFICATIONS
Profile Types	SMF (G652); MMF (G651); DSF (G653); NZDSF (G655); BIF(G657)
Fiber Count	1f - 16f
Fiber Pitch	250µm / 200µm
Cladding Dia.	125 µm
Cleave Length	0.39 in (10 mm)

QULTRA-RBN-ATT

OIN: ATT.200007604

COMPONENTS
Quantum-Ultra Ribbon Standard Components
Auto-rotating Fiber Optic Cleaver (FC-6Rp)
Thermal Jacket Remover (JR-7)
2 Pack of 12-Fiber Holders (FHM-12V)
12ct. Ribbon Fiber
One Set of FHS-09 900µm Fiber Holders
One Set of FHS-025 250µm Fiber Holders
One Set of Spare Electrodes (ER-10)
AC Interface/Battery Charger with Power Cord
Battery Unit (BU-102)
Shipping Case

Q102-CA+ Core Alignment Fusion Splicer

The Q102-CA+ is the next generation of industry-leading core alignment fusion splicers, redesigned from the ground up to redefine the industry standard in optical fiber core alignment fusion technology. The Q102-CA+ is equipped with SEL's latest NanoTune™ technology, drastically reducing the need for rework. NanoTune™ uses state-of-the art technology and our unique algorithms to accurately adjust parameters when splicing. NanoTune™ improves your field splice success rate to 90%, thus shortening your work time.

NanoTune™
Enhanced splice experience

BENEFITS

The APDS (Auto Fiber Profiling Check and Detection System) recognizes fiber core profiles automatically and perfectly selects the optimal splice program for all fiber types. The HDCM (High Definition Core Monitoring) image processing performs core alignment and splice loss estimation to produce ultra-low loss optical fiber splices and accurate estimated loss.

FEATURES

- Fast Splicer with 5-second Splice Time and Dual 9-Second Heaters
- Long-Life Battery for 320 Splice and Heater Cycles Per Charge
- Long-Life Electrodes Up to 6,000 Arcs
- Ruggedized Design for Shock (Drop from 76 cm on 5 Faces), Water and Dust Resistant (IP52)
- 5-inch TFT Color LCD Monitor, Fully Navigational Touch Screen Monitor

OPTICAL FIBER REQUIREMENTS

PROPERTY	SPECIFICATIONS
Material	Silica Glass
Profile Type	SMF (G.652); MMF (G.651); DSF (G.653); NZDSF (G.655); BIF (G.657); CSF (G.654); EDF
Fiber Count	1f
Cladding Dia.	80 – 150 µm
Coating Dia.	100 – 1,000 µm
Cleave Length	0.20 - 0.63 in (5 - 16 mm)

TYPE-Q102-CAp-DKIT-8R

OIN: ATT.200007593

COMPONENTS
Q102-CA+ Standard Components
Precision Cleaver w. Auto Rotating Blade (FC-8R)
Fiber Stripper (JR-M03)
One Pack of Fiber Protection Sleeves
One Set of Spare Electrodes (ER-10)
AC Interface/Battery Charger with Power Cord
Battery Unit (BU-102)
Shipping Case

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