

Quantum Fusion Splicers

Q102-CA+
Core Alignment Fusion Splicer



Q102-M12+
Ribbon Fiber Splicer



Q502S Active Clad Alignment
Fusion Splicer



Q102-CA+ Ordering Information

- Type-Q102-CAp-KIT-1**

 - Quantum Core Alignment Fusion Splicer
 - Hard Transit Case
 - AC Adapter
 - Standard Battery
- Cleaning Tools

 - Fiber Protection Sleeve
 - Cooling Tray
 - Manual
- Fiber Optic Stripper

 - Spare Electrodes
- Type-Q102-CAp-KIT-2**

Includes all of Type-Q102-CAp-KIT-1 components; plus FC-6S+ Fiber Optic Cleaver
- Type-Q102-CAp-KIT-6RSCp**

Includes all of Type-Q102-CAp-KIT-1 components; plus FC-6R+ Precision Bench Top Automatic Blade Rotation Cleaver
- Type-Q102-CAp-KIT-8R**

Includes all of Type-Q102-CAp-KIT-1 components; plus FC-8R Hand-Held Automatic Blade Rotation Cleaver

Q102-M12+ Ordering Information

- Type-Q102-M12p-KIT-MPO**

 - Quantum Ribbon Fiber Splicer
 - Ribbon Fiber Cleaver
 - Thermal Jacket Remover
 - Fiber Protection Sleeves
 - Power Cord
 - Battery Unit
- Spare Electrodes

 - Shipping Case
 - 12ct. Ribbon Fiber Holders
 - 250µm Single Fiber Holders
 - Cooling Tray
 - V-Groove Cleaning Brush
- Cleaning Kit

 - Lynx MPO Assembly Tool Kit
 - Lynx Shears
 - 2mm/3mm Cord Tool
 - Lynx MPO Metal Holder
 - Consumable Kit
- Type-Q102-M12p-KIT-6Rp1**

 - Quantum Ribbon Fiber Splicer
 - Ribbon Fiber Cleaver
 - Thermal Jacket Remover
 - Fiber Protection Sleeves
 - 12ct. Ribbon Fiber Holders
- 250µm Single Fiber Holders

 - Shipping Case
 - Spare Electrodes
 - Cooling Tray
 - Power Cord
- Battery Unit

 - V-Groove Cleaning Brush
 - Cleaning Kit
- Type-Q102-M12p-KIT-6Rp2**

Includes all Type-Q102-M12p-KIT-6Rp1 contents; plus Ribbonizing Tool and Consumables Kit
- Type-Q102-M12p-KIT-6Rp3**

Includes all Type-Q102-M12p-KIT-6Rp1 contents; plus Glueless Fiber Arrangement Tool

Q502S Ordering Information

- Type-Q502S-KIT-1H**

 - Quantum Active Clad Fusion Splicer
 - 250µm and 900µm Fiber Holders
 - Fiber Stripper (JR-M03)
- One Pack of Fiber Protection Sleeves

 - Hard Shipping Case
 - One Set of Spare Electrodes (ER-17)
- AC Interface/Battery Charger with Power Cord

 - Battery Unit (BU-17)
 - Cleaning Kit (FUS-CLN-KIT)
- Type-Q502S-KIT-2Hp**

Includes all Type-Q502S-KIT-1H contents; plus FC-6S+ Bench Top Fiber Cleaver
- Type-Q502S-KIT-6RSCHp**

Includes all Type-Q502S-KIT-1H contents; plus FC-6R+ Automatic Blade Rotation Bench Top Fiber Cleaver
- Type-Q502S-KIT-8RH**

Includes all Type-Q502S-KIT-1H contents; plus FC-8R Hand-Held Automatic Blade Rotation Fiber Cleaver

CATEGORY	DESCRIPTION	PART NUMBER	FOR USE WITH	UOM
Splice Protection Sleeves**	Single Fiber, 250 to 900um, 60mm (500 per box)	FPS-1-BX	All Units	1 box
	Single Fiber, 250 to 900um Single End Opening, Thin-2.6mm Diameter, 60mm (500 per box)	FPS-6I-2.6-BX	All Units	1 box
	Ribbon 2 to 12 ct. Ribbon, 40mm (250 per box)	FPS-6-BX	All Ribbon Units	1 box
	Single 250 to 900um, 26mm (24 per pack)	FPS-26(24)	All Units	1 pack
	Single Fiber, 250 to 900um, 40mm (500 per bx)	FPS-40-BX	All Units	1 box
Electrodes	Electrodes	ER-10	Q102 Series	1 pr
	Electrodes	ER-17	Q502S	1 pr
Cleaning and Fiber Preparation Supplies	Fiber Optic Cleaner	FOC-QE	All Units	1 ea
	Alcohol Bottle (No Alcohol Included)	HL-2	All Units	1 ea
	Fiber Optic Wipes	FCW-HQ-50	All Units	1 ea
	Lint-Free Mini-Cotton Swabs (2000 per box)	CTSW-1	All Units	1 box
	Fusion Cleaning Kit	FUS-CLN-KIT-OSP	All Units	1 ea
	PureConnect Connector/Bulk Simplex Cleaner	EFC-250-S	SC, ST, FC & E2000 APU/UPC	1 ea
	PureConnect Connector/Bulk Simplex Cleaner	EFC-125-S	LC Connectors APC & UPC	1 ea
	Pure Connect Connector/Bulkhead Multi-Fiber Cleaner	EFC-MPO-S	Male & Female MPO Ferrules	1 ea
Lynx-CustomFit™ Splice-On Connector Accessories	Lynx-CustomFit™ Splice-On Connector Metal Ferrule Holder	LYNX-C	Single-Fiber Lynx-CustomFit™ SOC in All Splicer Units	1 ea
	Lynx-CustomFit™ Splice-On Connector Sleeve Side Holder for Single-Fiber Cordage Connectors	LYNX-S	Single-Fiber Lynx-CustomFit™ SOC Cordage Connectors in All Splicer Units	1 ea
	Lynx-CustomFit™ Splice-On Connector Sleeve Side Holder for 900um Loose Tube or 2mm Cordage with 900um Tubing	LYNX-S-LB	2mm LT and 900LT Version of Lynx-CustomFit™ SOC	1 ea
	Fiber Optic Shears	FOS-01	Lynx-CustomFit™ SOC Cordage Connectors	1 ea
	Lynx-CustomFit™ Splice-On Connector Carrying Case for Tools	LYNX-BAG	Lynx-CustomFit™ SOC Accessories	1 ea
	Lynx-CustomFit™ Splice-On Connector Toolkit for 2mm and 3mm Cordage Connectors	LYNX-TKU-2.0-3.0	Lynx-CustomFit™ SOC 2mm and 3mm Single-Fiber Cordage Connectors	1 ea
	Lynx-CustomFit™ Splice-On Connector CordTool for 4.8mm Cordage Connectors	LYNX-CORDTOOL-4.8	Lynx-CustomFit™ SOC SM SC/APC for 4.8mm Cordage	1 ea
	Lynx-CustomFit™ Splice-On Connector MPO Metal Ferrule Holder	FHM-12-MPO-MTL	Ribbon Units	
Fiber Optic Cleavers	Precision Hand-Held Automatic Blade Rotation Cleaver for Single and Low Volume Mass Splicing	FC-8R	All Units	1 ea
	High Precision Bench Top Automatic Blade Rotation Cleaver for Single and Ribbon	FC-6Rp	All Units	1 ea
	Replacement Blade for FC-6R+ and FC-8R	FCP-7RBL	FC-6Rp and FC-8R	1 ea
Jacket Removers and Accessories	Jacket Remover, 250mm, 900mm, and up to 3mm Jacketing	JR-M03	All Single Units	1 ea
	Thermal Jacket Remover, for use with Single Fiber or Ribbon, Includes Cord (PC-2), 12V DC	JR-7	All Ribbon Units (12 fibers)	1 ea
Fiber Holders	250um Single-Fiber Holders	FHS-025	Ribbon Units, Q102-CA+, Q502	1 pr
	900um Single-Fiber Holders	FHS-09	Ribbon Units, Q102-CA+, Q502	1 pr
	4-Count Ribbon Holders	FHM-4	Ribbon Units	1 pr
	6-Count Ribbon Holders	FHM-6	Ribbon Units	1 pr
	8-Count Ribbon Holders	FHM-8	Ribbon Units	1 pr
	10-Count Ribbon Holders	FHM-10	Ribbon Units	1 pr
	12-Count Ribbon Holders	FHM-12V	Ribbon Units	1 pr
	Pitch conversion holder from 200um to 250um Pitch	PCH-12A	Ribbon Units	1 pr
	Pitch conversion holder from 200um to 250um Pitch	PCH-12V	Ribbon Units	1 pr

**Packaged quantities of 10, 25, 50 and 100 available for select items.

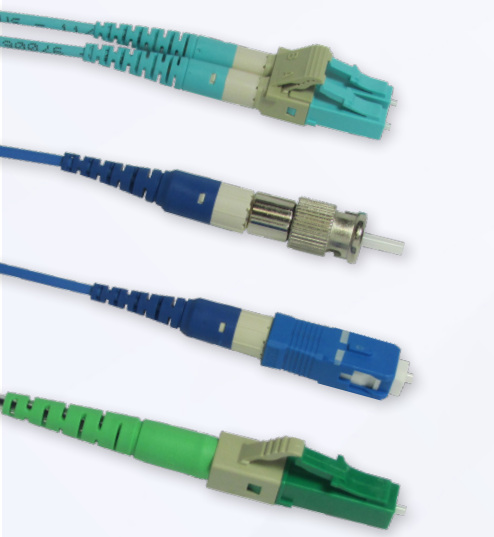


FUSION SPLICER +
FIELD-INSTALLABLE
SOLUTION ORDERING GUIDE



One World, Connected.

Lynx-CustomFit™ Splice-On Connectors

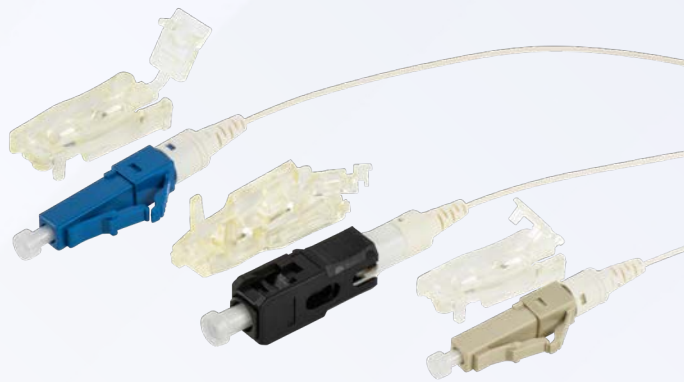


With SEL's Lynx-CustomFit™ Splice-On Connectors, users can quickly and easily complete permanent field terminations without the excess slack, shorts, and logistic delays of pre-terminated cables, or the need for splice trays that would be needed with pigtail assemblies. Pre-cleaned and cleaved fiber stubs in hermetically sealed trays eliminate the need for stripping and cleaving the ferrule stub in the field, making the process faster and easier. A patented ferrule hub design along with carefully manufactured Sumitomo Electric splice sleeves combine

to ensure high quality, low loss splices every time. When needed, cordage versions require no crimping, yet meet the same mechanical performance industry standards as factory installed connectors. After installation, the appearance is nearly identical to factory terminated connectors, and matches them in performance. Widely recognized for their first-class performance, Lynx-CustomFit™ Splice-On Connectors can successfully mate with any standard connectors in an existing network and perform well for many years to come.

Quick-SC & LC Mechanical Connectors

Quick-SC & LC Mechanical Connectors enable easy and fast fiber termination in the field. These connectors have taken mechanical connectors to new heights of performance and reliability.



PART NUMBER	DESCRIPTION	UOM
QSC-UPCSM-250900	QUICK-SC, UPC SMF 250/900µm	1 ea.
QSC-APCSM-250900	QUICK-SC, APC SMF 250/900µm	1 ea.
QSC-PCMM5-250900	QUICK-SC, PC MM 50µm, 250/900µm	1 ea.
QSC-PCMM6-250900	QUICK-SC, PC MM 62.5µm, 250/900µm	1 ea.
QSC-PCMM5OM3-250900	QUICK-SC, PC MM 50µm OM3/4, 250/900µm	1 ea.
QLC-UPCSM-250900	QUICK-LC, UPC SMF 250/900µm	1 ea.
QLC-APCSM-250900	QUICK-LC, APC SMF 250/900um	1 ea.
QLC-PCMM5-250900	QUICK-LC, PC MM 50µm, 250/900µm 1 ea.	1 ea.
QLC-PCMM6-250900	QUICK-LC, PC MM 62.5µm, 250/900µm 1 ea.	1 ea.
QLC-PCMM5OM3-250900	QUICK-LC, PC MM 50µm OM3/4, 250/900µm 1 ea.	1 ea.
QSC-JIG-KIT	Assembly guide jig & Fiber holder FOR SC	1 ea.
QLC-JIG-KIT	Assembly guide jig & Fiber holder FOR LC	1 ea.
QSCLC-CORD-TOOL	Cord Tool for 1.6, 2.0, 3.0mm	1 ea.
QSCLC-CORD-FIX-JIG	Jig for assembling cordage connectors	1 ea.
FOS-01	Fiber Optic Shears	1 ea.
QMC-TK-STD	Mechanical connector kit includes cleaver FC-8R-F,Jacket stripper JR-M03, FOC-QE-3 Quick Evaporation Fiber Optic Cleaner, Lint Free Cleaning Wipes, 90/ea FCW-HQ-90,Carrying Bag for Mechanical solution MECH-BAG	1 ea.

*Cordage versions available upon request

Precision Cleavers



FC-8R

Precision Hand-Held Cleaver, Automatic Blade Rotation, Single and Low Volume Mass Splicing

FC-6R+

High Precision Bench Top, Automatic Blade Rotation with Scrap Collector, Single and Ribbon Fiber

FC-6S+

High Precision Bench Top, Single Fiber Cleaver with Scrap Collector

PART NUMBER	DESCRIPTION
FC-8R	Precision Hand-Held Automatic Blade Rotation Cleaver with Smart Cleave Counter
FC-6Rp	High Precision Bench Top Automatic Blade Rotation Cleaver with Scrap Collector
FC-6Sp	High Precision Bench Top Single-Fiber Cleaver

Fiber Protection Sleeves

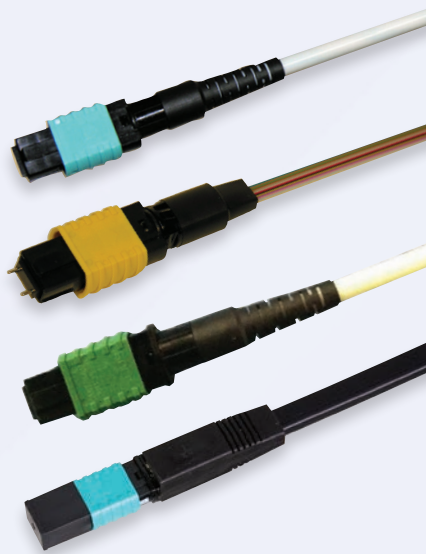


PART NUMBER	DESCRIPTION	UOM
FPS-1-BX	Single Fiber, 250 to 900um, 60mm (500 per box)	1 box
FPS-61-2.6-BX	Single Fiber, 250 to 900um Single-End Opening, Thin, 2.6mm Diameter, 60mm (500 per box)	1 box
FPS-6-BX	2- to 12-Count Ribbon, 40mm (250 per box)	1 box
FPS-26(24)	250 to 900um, 26mm (24 per pack)	1 pack
FPS-40-BX	Single Fiber, 250 to 900um, 40mm (500 per box)	1 box

Lynx-CustomFit™ Splice-On Connectors MPO

Sumitomo Electric Lightwave's Lynx-CustomFit™ Splice-On Connectors MPO is the industry's first MPO fusion splice-on field installable connector for customized, on-site terminations. They are easily terminated with minimal tooling, and compatible with other MPO connectors. Like all Lynx-CustomFit™ SOC's, the MPO allows technicians to make permanent

terminations with the exact cable length for fast and easy installations, upgrades, and repairs at the work site. The on-site customization facilitated by the Lynx-CustomFit™ SOC connectivity method eliminates the risk of shorts and slack, repair lag, and logistic delays associated with preterminated cables and the need for splice trays required for pigtails — making the Lynx-CustomFit™ SOC MPO your best choice in customized fiber termination.



LYNX2-MPO- PART NUMBERING GUIDE

LYNX2-MPO12 <u>A</u> (A = Connector Gender)	<u>B</u> <u>B</u> (BB = Fiber)	<u>C</u> <u>C</u> (CC = Fiber Type)	<u>D</u> <u>D</u> <u>D</u> <u>D</u> <u>D</u> (DDDD = Fiber Media)
 <u>M</u> (Male)	 <u>S</u> <u>M</u> (Single Mode)	 <u>L</u> <u>L</u> Low Loss (IL ≤ 35dB RL ≥ 60dB) YELLOW HOUSING	 <u>R</u> <u>B</u> <u>N</u> _ _ For 12f Ribbon (No Jacket)
 <u>F</u> (Female)	 <u>M</u> <u>M</u> (Multi Mode)	 <u>S</u> <u>L</u> Standard Loss (IL ≤ 75dB RL ≥ 60dB) GREEN HOUSING	 <u>R</u> <u>B</u> <u>C</u> _ _ For 12f Ribbon (With Jacket)
	 <u>Q</u> <u>1</u> Multi Mode 62.5µm (IL ≤ 35dB RL ≥ 20dB) BEIGE HOUSING	 <u>Q</u> <u>2</u> Multi Mode 50µm (IL ≤ 35dB RL ≥ 20dB) BLACK HOUSING	 <u>R</u> <u>C</u> <u>3</u> . <u>0</u> For 3.0mm Cord
	 <u>Q</u> <u>3</u> Multi Mode 50µm Laser Optimized (IL ≤ 35dB RL ≥ 20dB) OM3, OM4 and OM5 Compatible AQUA HOUSING		

EXAMPLES

(LYNX2-MPO12-ABBCC-DDDDD-EEE)



LYNX2- MPO12 E - S M L L - R B N _ _ Part Number is: LYNX2-MPO12F-SMLL-RBN



LYNX2- MPO12 M - M M O 3 - R C 3 . 0 Part Number is: LYNX2-MPO12M-MM03-RC3.0