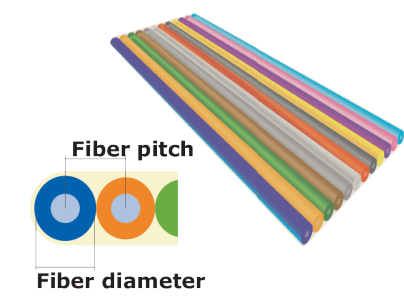


A Pioneer of Ribbon Fiber Technology since the 1980's

Since 1980, Sumitomo Electric is the pioneer of fusion splice technology. We continuously improved our ribbon splice technology to build new generation optical fiber networks.

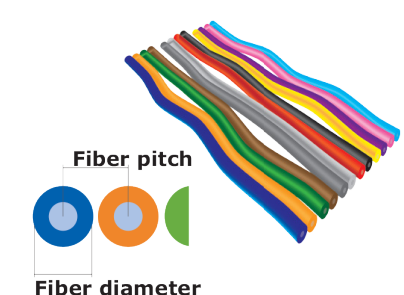
Perfect Compatibility with Various Fibers

1. STANDARD RIBBON



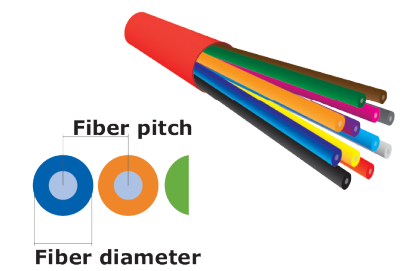
Standard Ribbon				
Fiber Diameter	Fiber Pitch	Splicer	Holder	Cable Vendor & Type
200um	200um	Q102-M12-200	FHM-12N	Corning
	250um Pitch Conversion	Q102-M12	FHM-PCH-12	
250um	250um	Q102-M12	FHM-12	Standard

2. PLIABLE RIBBON



Pliable Ribbon				
Fiber Diameter	Fiber Pitch	Splicer	Holder	Cable Vendor & Type
200um	200um	Q102-M12-200	FHM-12N	Sumitomo Electric OFS Prysmian
	250um Pitch Conversion		FHM-PCH-12	AFL
250um	250um		FHM-12V	Sumitomo Electric OFS Prysmian AFL
			FHM-12	

3. ARRANGING FIBERS INTO RIBBONS



Arranging Fibers Into Ribbons				
Fiber Diameter	Fiber Pitch	Splicer	Holder	Fiber Arrangement Tool
200um	200um	Q102-M12-200	FHM-12N	OFA-01
	250um Pitch Conversion		FHM-PCH-12	
250um	250um	Q102-M12	FHM-12	

SPLICER KITS

Ordering Information				
Part Number	Splicer Kit	Holders	Remover & Cleaver	Others
TYPE-Q102-M12-KIT-1	Quantum Type-Q102-M12 Ribbon Fiber Fusion Splicer Kit with Dual Built-in Heat Shrink Ovens, includes, Shipping Case, Spare Electrodes (ER-10), AC Adapter with Power Cord, Cooling Tray, Battery Unit (BU-16), Splice Protection Sleeves (FPS-6), Cleaning Kit (FUS-CLN-KIT-M)	250um 12-Fiber Holders (FHM-12), 250um single fiber holders (FHS-025)	Hot Jacket Remover (JR-6+)	---
TYPE-Q102-M12-KIT-6RM1	Quantum Type-Q102-M12 Ribbon Fiber Fusion Splicer Kit with Dual Built-in Heat Shrink Ovens, includes, Shipping Case, Spare Electrodes (ER-10), AC Adapter with Power Cord, Cooling Tray, Battery Unit (BU-16), Splice Protection Sleeves (FPS-6), Cleaning Kit (FUS-CLN-KIT-M)	250um 12-Fiber Holders (FHM-12), 250um single fiber holders (FHS-025)	Tabletop Cleaver (FC-6RM-C), Hot Jacket Remover (JR-6+)	---
TYPE-Q102-M12-KIT-6RM2	Quantum Type-Q102-M12 Ribbon Fiber Fusion Splicer Kit with Dual Built-in Heat Shrink Ovens, includes, Shipping Case, Spare Electrodes (ER-10), AC Adapter with Power Cord, Cooling Tray, Battery Unit (BU-16), Splice Protection Sleeves (FPS-6), Cleaning Kit (FUS-CLN-KIT-M)	250um 12-Fiber Holders (FHM-12), 250um single fiber holders (FHS-025)	Tabletop Cleaver (FC-6RM-C), Hot Jacket Remover (JR-6+)	Fiber arrangement tool (FTA-02), Consumable kit (AFC-24)
TYPE-Q102-M12-KIT-8RM1	Quantum Type-Q102-M12 Ribbon Fiber Fusion Splicer Kit with Dual Built-in Heat Shrink Ovens, includes, Shipping Case, Spare Electrodes (ER-10), AC Adapter with Power Cord, Cooling Tray, Battery Unit (BU-16), Splice Protection Sleeves (FPS-6), Cleaning Kit (FUS-CLN-KIT-M)	250um 12-Fiber Holders (FHM-12), 250um single fiber holders (FHS-025)	Handheld Cleaver (FC-8R-FC), Hot Jacket Remover (JR-6+)	---
TYPE-Q102-M12-KIT-8RM2	Quantum Type-Q102-M12 Ribbon Fiber Fusion Splicer Kit with Dual Built-in Heat Shrink Ovens, includes, Shipping Case, Spare Electrodes (ER-10), AC Adapter with Power Cord, Cooling Tray, Battery Unit (BU-16), Splice Protection Sleeves (FPS-6), Cleaning Kit (FUS-CLN-KIT-M)	250um 12-Fiber Holders (FHM-12), 250um single fiber holders (FHS-025)	Handheld Cleaver (FC-8R-FC), Hot Jacket Remover (JR-6+)	Fiber arrangement tool (FTA-02), Consumable kit (AFC-24)
TYPE-Q102-M12-KIT-MPO1	Quantum Type-Q102-M12 Ribbon Fiber Fusion Splicer Kit with Dual Built-in Heat Shrink Ovens, includes, Shipping Case, Spare Electrodes (ER-10), AC Adapter with Power Cord, Cooling Tray, Splice Protection Sleeves (FPS-6), Cleaning Kit (FUS-CLN-KIT-M)	250um 12-Fiber Holders (FHM-12), 250um single fiber holders (FHS-025)	Tabletop Cleaver (FC-6RM-C), Hot Jacket Remover (JR-6+)	Lynx2 MPO Assembly Tool, Consumabl Kit, Lynx Shears, 2mm/3mm Cord Tool, Lynx MPO Metal Holder
TYPE-Q102-M12-KIT-MPO2	Quantum Type-Q102-M12 Ribbon Fiber Fusion Splicer Kit with Dual Built-in Heat Shrink Ovens, includes, Shipping Case, Spare Electrodes (ER-10), AC Adapter with Power Cord, Cooling Tray, Battery Unit (BU-16), Splice Protection Sleeves (FPS-6), Cleaning Kit (FUS-CLN-KIT-M)	250um 12-Fiber Holders (FHM-12), 250um single fiber holders (FHS-025)	Tabletop Cleaver (FC-6RM-C), Hot Jacket Remover (JR-6+)	Lynx2 MPO Assembly Tool, Consumable Kit, Lynx Shears, 2mm/3mm Cord Tool, Lynx MPO Metal Holder
TYPE-Q102-M12-200-KIT-6RM1	Quantum Type-Q102-M12 Ribbon Fiber Fusion Splicer Kit with Dual Built-in Heat Shrink Ovens, includes, Shipping Case, Spare Electrodes (ER-10), AC Adapter with Power Cord, Cooling Tray, Battery Unit (BU-16), Splice Protection Sleeves (FPS-6), Cleaning Kit (FUS-CLN-KIT-M)	200um 12-Fiber Holders (FHM-12N), 200um single fiber holders (FHS-200)	Tabletop Cleaver (FC-6RM-C), Hot Jacket Remover (JR-6+)	---
TYPE-Q102-M12-200-KIT-8RM1	Quantum Type-Q102-M12 Ribbon Fiber Fusion Splicer Kit with Dual Built-in Heat Shrink Ovens, includes, Shipping Case, Spare Electrodes (ER-10), AC Adapter with Power Cord, Cooling Tray, Battery Unit (BU-16), Splice Protection Sleeves (FPS-6), Cleaning Kit (FUS-CLN-KIT-M)	200um 12-Fiber Holders (FHM-12N), 200um single fiber holders (FHS-200)	Handheld Cleaver (FC-8R-FC), Hot Jacket Remover (JR-6+)	---

ACCESSORIES & CONSUMABLES

Part Number	Description
FHM-12	12 Count Ribbon Holders for 250 um Pitch
FHM-12V	12 Count Ribbon Holders with V-groove for 250 um Pitch
FHM-12N	12 Count Ribbon Holders for 200 um Pitch
FHM-PCH-12	Pitch conversion holder from 200 um Pitch to 250 um Pitch
JR-6+	Jacket remover for Compatible with 200 & 250um ribbon /Compatible with standard & pliable ribbon
FC-8R-FC	Handheld Type Automatic Blade Rotation Cleaver FC-8R
FC-6RM-C	Table Top Type Automatic Blade Rotation Cleaver FC-6R / Pre-fitted Off-cut collector(CU-FC6R)
ER-10	Electrodes for Q102-M12 (Orange Cap)
ER-10-200	Electrodes for Q102-M12-200 (Black Cap)
FPS-6	1 to 12 Count Ribbon Fiber Protection Sleeves
FCP-7RBL	Blade for FC-6R & 8R
FTA-02	Glue Type Fiber Arrangement Tool; Plastic Carrying case; Pair of Fiber Arrangement Shims
FAC-24	Fiber Arrangement Consumable Kit for FTA-02
OFA-01	Glue Free Fiber Arrangement Tool
FUS-CLN-KIT-M	Cleaning Kit

POG-RBNSPLICING-03112021

Ordering Information



RIBBON SPLICING SOLUTION GUIDE

250UM PITCH RIBBON SPLICE

Time-proven solution for conventional 250um pitch ribbon fibers.



FHM-12



TYPE-Q102-M12

200UM PITCH RIBBON SPLICE

Fast and easiest solution with a specialized splicer dedicated to 200um pitch fiber ribbon.



FHM-12N

*This Holder is for Q102-M12-200 only.



TYPE-Q102-M12-200

High Performance

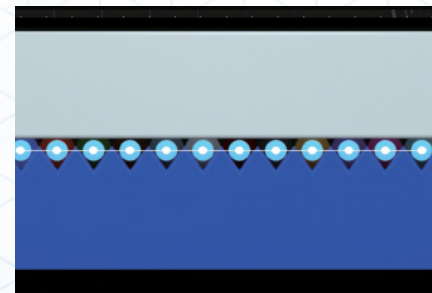
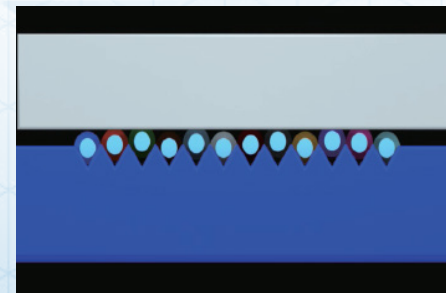
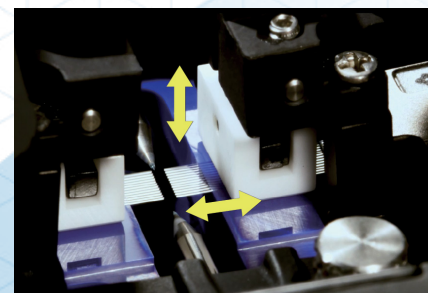
- Rapid 11sec. splice time by "SMF 12c Quick mode"
- 35 sec. heating time & dual oven for the highest productivity
- 0.05dB splice loss by "SMF mode"

Durability

- Tough enough drop from 76 cm (5 faces excluding the top face)
- IPx2 certified waterproof rating
- IP5x certified dust proof
- Up to 3,660m of operating altitude

Active-ACAS Assists Your Splice Operation

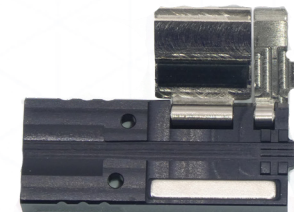
Active-ACAS (Auto Clamping Adjustment System) minimize the fiber offset, fiber and clamp positions are automatically adjusted.



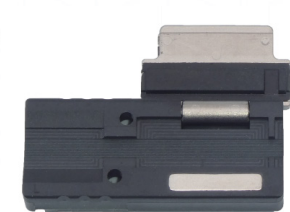
Patented key technology (US9,341,777,B2)

Pitch Conversion Splice

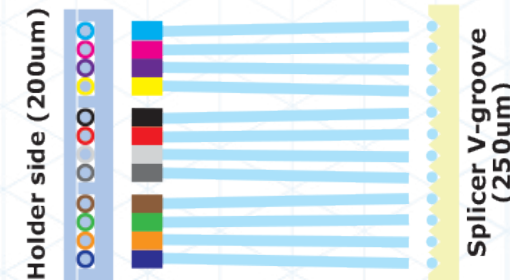
Pitch conversion holders perfectly set up various types of fiber ribbon on your splicer to realize multi-purpose ribbon splice.



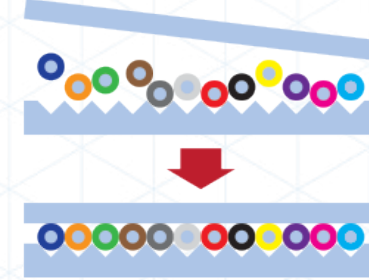
FHM-PCH-12,
Pitch Conversion Holder



FHM-12V,
Ribbon Fiber Holder with V-groove



Expands the fiber pitch from 200 um to 250um on the splicer V-groove.



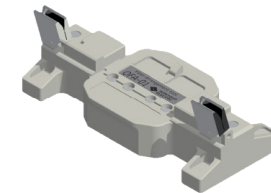
Precise 250um fiber pitch re-alignment for improperly aligned ribbon fibers or bundled single fibers.

Fiber Arrangement Tools

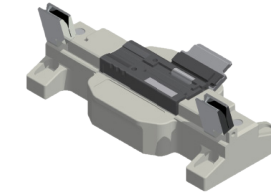
Versatile fiber arrangement tool for time-saving ribbon splicing.

OFA-01, Glue free fiber arrangement tool

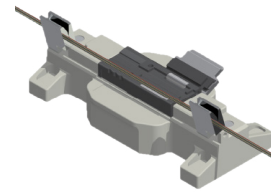
- Quickly and effortlessly arranges single fibers into ribbons
- Simply place individual fibers on the v-grooves of the ribbon holder
- Compatible with 200 & 250 um fibers
- Eliminates adhesive requirement and curing time



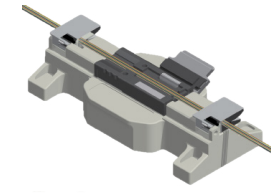
1) Face up the lid.



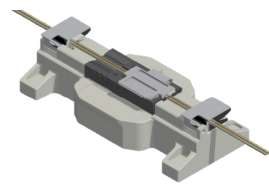
2) Set the holder.



3) Install the fibers.



4) Face down the lid.



5) Close the holder cover.

FTA-02, Fiber arrangement tool



- Organizes individual fibers into ribbons for splicing
- Ribbons can be made with 2 to 12 fibers
- Creates a 7-inch ribbon in two simple steps

OTHER HANDY TOOLS AND CONSUMABLES

Jacket Remover



JR-6+

- Compatible with 200 & 250um fibers
- Compatible with standard & pliable ribbon of various fiber vendors
- Durable battery operation
- Rechargeable via AC and Splicer DC output

Fiber Cleavers



FC-8R-FC,
Handheld Cleaver



FC-6RM-C,
Tabletop Cleaver

- High-quality cleaves
- Handy and easy operation
- Auto blade rotation available
- Cleave counter available (FC-8R)
- 60,000 cleaves per blade

Consumables



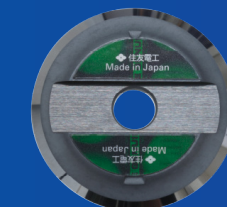
Orange cap

ER-10, Electrodes for Q102-M12



Black cap

ER-10-200, Electrodes for Q102-M12-200



FCP-7RBL,
Blade for FC-6R & 8R



FAC-24,
Consumable Kit for FTA-02



FPS-6,
Protection sleeve



Lynx-CustomFit™
Splice-On Connector,
MPO Type