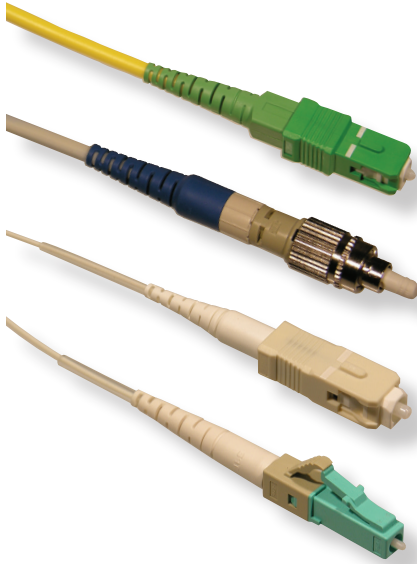


Connector Splice-On

Lynx2 CustomFit® Splice-On Connector

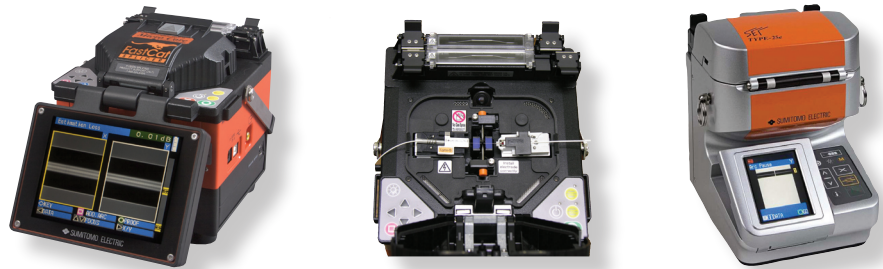
(Patent-pending)



Description:

Customized field terminations are now made possible with the next generation Lynx2 CustomFit® Splice-on Connector by Sumitomo. The Lynx2 is a fully integratable splice-on fiber optic connector enabling quick, easy, and reliable customized FTTx, outside-plant, and inside-plant permanent field terminations. The splice-on connector is ideal also for central office, fiber hub/ pedestal, and data center applications. The latest design of the Lynx2 features a fast and easy to use screw-on collar to secure the Kevlar and jacket, eliminating the crimping process and the use of high priced crimping tools.

The Lynx2 is compatible with all SC, LC, FC and ST style fiber optic connectors, and eliminates the necessity and associated costs of maintaining an inventory of splice trays and varying lengths of pre-terminated jumpers. Instead, the Lynx2 allows for customized field terminations for each and every project. Ease of use, elimination of hand polishing and index matching gels, consistent results, reliability, and unprecedented accuracy in connectorization make the Lynx2 the new choice in fiber termination.



Features:

- Achieve EXACT Lengths On-Site, without the Risk of Shorts & Slack of Preterminated Cables
- Fast & Easy Terminations, Eliminating Logistic Delays of Pre-Engineered Cables/Jumpers
- Cuts Time, Material, and Labor Costs Associated with Other Connectivity Methods
- Cross Compatible with all SC, LC, FC and ST Connectors
- Consistent & Reliable Results with Single-Mode and Multimode Fiber
- Low Insertion & Return Losses for Superior Signal Integrity
- Complete Connectorization in Less than 3 Minutes
- Compatible with Sumitomo Splicers and Other Brands
- Instant Splice Loss Feedback
- Meets Telcordia GR-326-CORE and GR-1081-CORE Compliance

Specifications

Connector Type	SC	LC	FC	ST	
Fiber	SM, MM (62.5μm, 50μm, 50μm 10GIG)				
Media Type	250μm, 900μm, 1.6mm, 2mm, 2.4mm, 3mm, 4.8mm (SC only)				
Polish	APC, UPC, PC				
Insertion Loss	SMF: 0.15dB (average), 0.3dB (maximum) MMF: 0.10dB (average), 0.25dB (maximum)				
Return Loss	SMF: >65dB (APC), >55dB (UPC) MMF: >30dB (PC)				
Operating Temp.	-40°C ↔ 75°C				
Housing Color	SMF		MMF		
	UPC	APC	PC 62.5μm	PC 50μm	PC 50μm 10GIG
	Blue	Green	Beige	Black	Aqua

Connector Splice-On

Lynx2 CustomFit® Splice-On Connector



LYNX2 - Part Numbering Guide

LYNX2-AABBBCC**CCC**-DDDD**DDD**

Part Number Section	Options	Options Description
AA Connector Housing / Body Type	SC	SC Style Connector
	LC	LC Style Connector
	FC	FC Style Connector
	ST	ST Style Connector (Not Compatible with APC)
BBB Ferrule End-Face Finish (will only be 2 characters for PC)	APC	Angled Physical Contact (For Single-mode Fiber Only)
	UPC	Ultra Physical Contact (For Single-mode Fiber Only)
	PC	Physical Contact (For Multimode Fiber Only)
CCCCC Fiber Type (will range from 2 to 5 characters)	SM	Single-mode Fiber
	M6	Multimode Fiber 62.5µm
	M5	Multimode Fiber 50µm
	M510G	Multimode Fiber 50µm Laser Optimized (OM3)
DDDDDD Media Type (will range from 3 to 6 characters)	250900	Accommodates Media of 250µm and 900µm Coated Fiber
	250FT8	Accommodates Media of 250µm & Upjackets with m8" Furcation Tubing (for SC only)
	900LT	Accommodates Media of 900µm Loose Buffer Coated Fiber, ABF, Breakout Kit
	1.6	Accommodates Media of 1.6mm Cabled Fiber
	2.0	Accommodates Media of 2.0mm Cabled Fiber
	2.4	Accommodates Media of 2.4mm Cabled Fiber
	3.0	Accommodates Media of 3.0mm Cabled Fiber
	3.0DCL	3mm Jacketed; Compatible with Duplex Clip (LC only)
4.8	Accommodates Media of 4.8mm Cabled Fiber	

Example: Selections = LYNX2-LCPCM510G-2.0 (which would be the Lynx2 LC style connector PC physical contact M510G multimode 50µm OM3 and 2mm cabled/jacketed fiber)

* Bulk packaging for connectors is also available. Call customer service for bulk packaging details.

Tool Kits and Accessory Ordering Guide

Part Number	Description	Media Type			
		250µm 900µm	1.6mm 2.4mm	2mm 3mm	4.8mm
LYNX2-TKU-2.0-3.0	Lynx2 Tool Kit for 2.0/3.0mm	✓		✓	
LYNX2-TKU-1.6-2.4	Lynx2 Tool Kit for 1.6/2.4mm	✓	✓		
LYNX-TOOL-KIT 4.8	Original Lynx SC Tool Kit for 4.8mm				✓
LYNX2-CORDTOOL-1.6-2.4	Cord Prep Tool for 1.6/2.4mm		✓		
LYNX2-CORDTOOL-2.0-3.0	Cord Prep Tool for 2.0/3.0mm			✓	
LYNX2-CORDTOOL-4.8	Cord Prep Tool for 4.8mm (Original SC Only)				✓
LYNX2-HOLDER-C	Plastic Ferrule Holder (Sumitomo & New Competitor Splicers)	✓	✓	✓	
LYNX2-UML-C	Lynx2, Ferrule Side Holder, Metal/Universal	✓	✓	✓	
LYNX2-UML-S	Lynx2, Splice Sleeve Side Holder, Metal/Universal	✓	✓	✓	✓
FHS-025-LB5	Fiber Holder, Loose Buffer 250/900µm, 900LT	✓	✓	✓	✓
LYNX-SHEARS	Kevlar Cutters		✓	✓	✓
JR-M03	Jacket Remover	✓	✓	✓	✓
LYNX2-ST-AT-01	ST Assembly Tool	✓	✓	✓	
LYNX2-DUPLEX CLIP-LC	Duplex Clip for LC	✓	✓	✓	
LYNX2-DUPLEX CLIP-SC	Duplex Clip for SC	✓	✓	✓	

