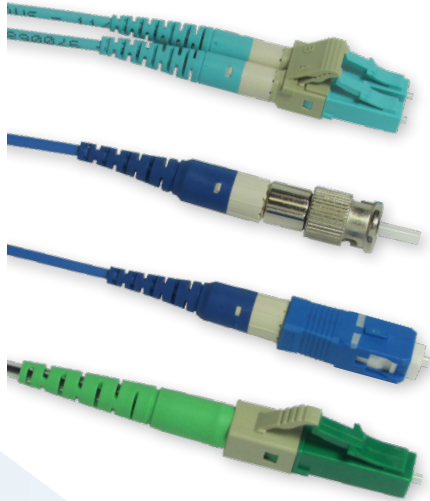# Lynx2-PLUS CustomFit™ Splice-On Connectors Single Package (patented)

Features

- Improved Design for High Density Applications
- New 2 Minute Approximate Connectorization for 2 and 3mm Cord; (250 & 900μm in 96 seconds or less) and removes the need for splice trays
- Achieve EXACT Lengths On-Site, without the Risk of Shorts & Slack of Preterminated Cables
- Eliminates Logistic Delays of Pre-Engineered Cables/Jumpers
- Less Time, Material, and Labor Costs than 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
- Compatible with Sumitomo Splicers and Other Brands
- Instant Splice Loss Feedback
- Meets Telcordia GR-326-CORE and GR-1081-CORE Compliance

Description:

Sumitomo Electric Lightwave continues its tradition of innovation and customer focused, market driven product advancements with the release of the Lynx2-PLUS. Maintaining all of the quality standards of the Lynx2, the Lynx2-PLUS incorporates an enhanced installation procedure and smaller overall completed connector design.

With the Lynx2-PLUS, termination time for 2, 3 and 4.8mm cord applications has been reduced by half for complete connectorization in approximately 2 minutes. The new connectors no longer require furcation tubing for 2, 3 and 4.8mm applications, resulting in shorter, more aesthetic connectors. The finished product mirrors factory pre-terminated jumpers, trunks, harnesses and/or arrays.

Like the Lynx2-MPO, customized, On-Site, Real-Time field terminations and cable builds at exact lengths are now made possible, enabling quick, easy, and reliable customized permanent field terminations without the shorts, excess slack, and logistic delays of pre-terminated cables.

Compatible with all SC, LC, FC and ST style fiber optic connectors, Lynx2-PLUS offers revolutionary Real-Time, On-Site flexibility for quick MACs, repairs, and restorations for minimal downtime, while eliminating crimping tools, gels, splice trays, and the inventory of varying length of pre-terminated jumpers— providing the industry's most cost effective, reliable, and advanced choice in fiber termination.

Specifications

Connector Type	SC	LC	FC	ST
Fiber	SM, MM (62.5μm, 50μm, 50μm 10GIG)			
Media Type	250μm, 900μm, 2mm, 3mm, 4.8mm*			
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 fg 75°C			
Housing color	SMF		MMF	
	UPC	APC	PC 62.5μm	PC 50μm	PC 50μm 10GIG (OM3/OM4/OM5)
	Blue	Green	Beige	Black	Aqua

*4.8mm SM/SC/APC Only

LYNX2-PLUS Part Numbering Guide (Single Package)

LYNX2 - A A (AA = Connector Style)	B B **B** (BB**B** = Endface Polish)	C C **C C C** (CC**CCC** = Fiber Type)	D D D **D D D** (DDD**DDD** = Media Diameter)

Connector Style:
- L C
- S C
- F C
- S T (Not Available in APC) — *Assembly Tool Required*

Endface Polish:
- A P **C** — Angled Polished <-65dB Single-mode (Green Housing)
- U P **C** — Ultra Polished <-55dB Single-mode (Blue Housing)
- P C — Physical Contact <-30dB - Multi-mode

Fiber Type:
- S M — Single-mode
- M 6 — Multimode 62.5µm (Beige Housing)
- M 5 — Multimode 50µm (Black Housing)
- M 5 **1 0 G** — Multimode 50µm Laser Optimized (Aqua Housing) OM3, OM4 and OM5 Compatible

Media Diameter:
- 2 5 0 **9 0 0** — For 250µm or 900µm Tight Buffer (0.5'')
- 2 5 0 **F T 8** — For 250µm with 8" Furcation Tube (8'')
- 9 0 0 **L T** — For 900µm Loose Buffer ABF Breakout Kit Compatible
- 2 . 0 — For 2.0mm Cord (2.0mm)
- 3 . 0 — For 3.0mm Cord (8.0mm / 3.0mm)
- 3 . 0 **D C L** — Only for LC Duplex Application with 3.0mm Cord (6.25mm / 3.0mm)
- 4 . 8 — For 4.8mm Cord (4.8mm SM/SC/APC Only) (4.8mm)

EXAMPLES

LYNX2 - L C P C _ M 5 **1 0 G** - 2 . 0 _ _ _
Part Number is: LYNX2–LCPCM510G-2.0

LYNX2 - S C U P **C** S M _ _ _ - 2 5 0 **9 0 0**
Part Number is: LYNX2–SCUPCSM-250900

Tool Kits and Accessory Ordering Guide

Part Number	Description	Media Type	
		250µm / 900µm	2mm / 3mm
LYNX2-TKU-2.0-3.0	Lynx2 Tool Kit for 2.0/3.0mm	✔	✔
LYNX2-ATK-SFC	Assembly Platform for Lynx2 Cord Solution		✔
LYNX2-CORDTOOL-2.0-3.0	Cord Prep Tool for 2.0/3.0mm		✔
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 (Required for all ST Connectors)	✔	✔
LYNX2-DUPLEX CLIP-LC	Duplex Clip for LC	✔	✔
LYNX2-DUPLEX CLIP-SC	Duplex Clip for SC	✔	✔
LYNX2-CORDTOOL-4.8	Cord Prep Tool for 4.8mm		