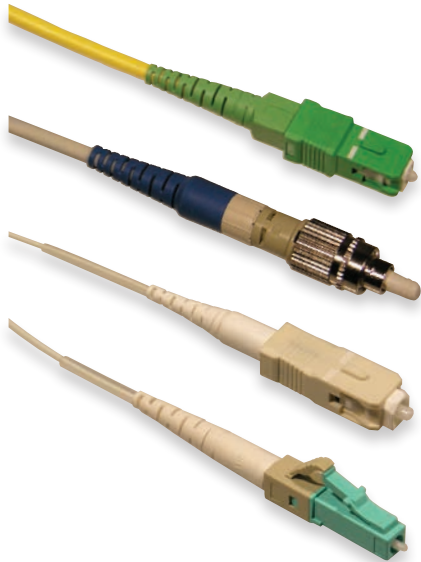# Connectors
## Splice-On

### Lynx2 CustomFit®
### Splice-On Connectors
(Patented)

## Description

Customized, on-site field terminations and cable builds at exact lengths are now made possible with the next generation Lynx2 CustomFit® Splice-on Connectors by Sumitomo. The Lynx2 is a fully integrative splice-on fiber optic connector enabling quick, easy, and reliable customized FTTx, outside-plant, and inside-plant permanent field terminations without the shorts, excess slack, and logistic delays of preterminated cables.

The splice-on connector is ideal also for central office, fiber hub/pedestal, and data center applications offering real-time flexibility for quick moves, adds, and changes, repairs, and restoration for minimal downtime. The latest design of the Lynx2 eliminates 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 costs of maintaining an inventory of splice trays and varying lengths of pre-terminated jumpers. Ease of use, elimination of hand polishing and index matching gels, consistent results, reliability, and unprecedented accuracy in connectivity make the Lynx2 the best choice in fiber termination.
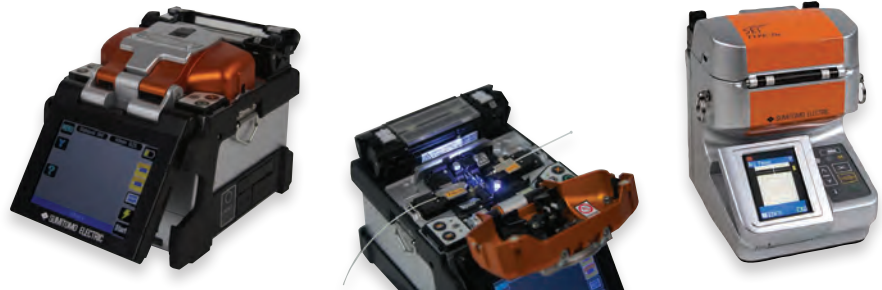
## Features

- 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
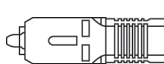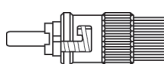- Meets Telcordia GR-326-CORE and GR-1081-CORE Compliance

## Specifications

| Connector Type | SC | LC | FC | ST |
|---|---|---|---|---|
| Fiber | SM, MM (62.5µm, 50µm, 50µm 10GIG) | | | |
| Media Type | 250µm, 900µm, 2mm, 2.4mm, 3mm | | | |
| 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 |

Network Products and Connectivity

# Connectors
## Splice-On

**Network Products and Connectivity**

## LYNX2 - Part Numbering Guide

| LYNX2 - A A (AA = Connector Style) | B B B (BBB = Endface Polish) | C C C C C (CCCCC = Fiber Type) | D D D D D D (DDDDDD = Media Diameter) |
|---|---|---|---|

**LYNX2 - A A** (AA = Connector Style)
- **L C**
- **S C**
- **F C**
- **S T**

**B B B** (BBB = 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 - Multimode

**C C C C C** (CCCCC = 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 Compatible

**D D D D D D** (DDDDDD = 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)
- **2 . 4** — For 2.4mm Cord (2.4mm)
- **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)

### 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 | 2.4mm | 2mm / 3mm |
|---|---|:---:|:---:|:---:|
| LYNX2-TKU-2.0-3.0 | Lynx2 Tool Kit for 2.0/3.0mm | ✔ | | ✔ |
| LYNX2-TKU-2.4 | Lynx2 Tool Kit for 2.4mm | ✔ | ✔ | |
| LYNX2-ATK-SFC | Assembly Platform for Lynx2 Cord Solution | | ✔ | ✔ |
| LYNX2-CORDTOOL-2.4 | Cord Prep Tool for 2.4mm | | ✔ | |
| 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 | ✔ | ✔ | ✔ |
| LYNX2-DUPLEX CLIP-LC | Duplex Clip for LC | ✔ | ✔ | ✔ |
| LYNX2-DUPLEX CLIP-SC | Duplex Clip for SC | ✔ | ✔ | ✔ |