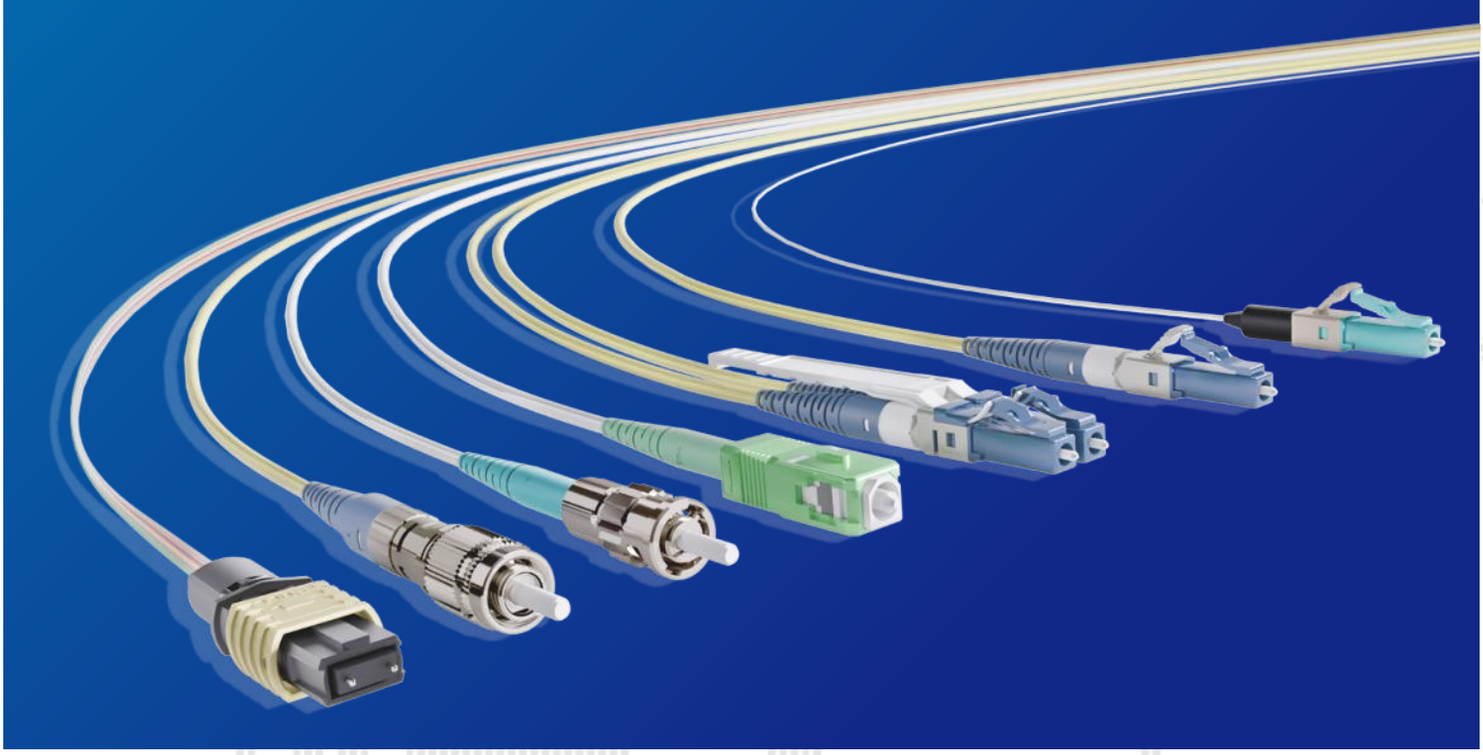
SUMITOMO ELECTRIC

# Lynx-CustomFit™

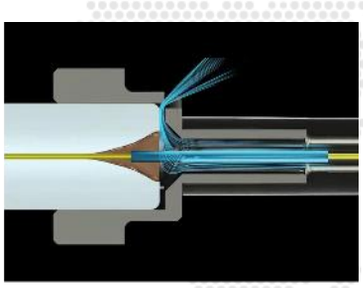
Our Splice-On Connector
Gets the Job Done with Ease



2025 4.5 LIGHTWAVE + BTR INNOVATION REVIEWS

## Transform your work with our innovative, high quality connectors

Fewer parts to provide an error-free assembly



Prevents bubbles and bending stress by Flexible Path

Faster terminations from factory prepared ferrule sub-assemblies

# Lynx-CustomFit™

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You can find more details on our official website and LinkedIn.

Website

LinkedIn

## Standards and Optical Performance*

| Connector Type | SC | LC | FC | ST | Q8MPO / 12MPO |
|---|---|---|---|---|---|
| Product Image | | | | | |
| Interface Standard | IEC 61754-4 | IEC 61754-20 | IEC 61754-13 | IEC 61754-2 | IEC 61754-7-1 |
| Fiber Type and Polishing Type | SM.APC, SM.UPC<br>MM50(OM2).PC, MM50(OM3/OM4).PC<br>MM62.5(OM1).PC | | | | SM.APC<br>MM50.Flat PC |
| Insertion Loss<br>(Against master plug) | SMF: Ave. 0.2dB, Max. 0.3dB<br>MMF: Ave. 0.1dB, Max. 0.25dB | | | | SMF(Std Loss) : Max.0.75dB<br>SMF(Low Loss): Max. 0.4 dB<br>MMF(Low Loss): Max. 0.4 dB |
| Return Loss<br>(Against master plug) | SMF: ≧60dB(APC), ≧55dB(UPC)<br>MMF: ≧30dB(PC) | | | | SMF: ≥55dB |
| Temperature Conditions | Installation: -5 to 45°C , Operation: -40 to 75°C<br>Transport: -40 to 50°C , Storage: -40 to 50°C | | | | |
| Qualification | IEC 61753-1<br>GR-326-CORE, GR-1081-CORE<br>ANSI/TIA-568.3 | | | | GR-1435-CORE<br>GR-1081-CORE<br>ANSI/TIA-568.3 |

*Specifications are subject to change without prior notice.

## Assembly Tool

| Tool Name | | Fusion Splicer | Fiber Cleaver | Jacket Remover | Thermal Jacket Remover | Sheath Splitter | Sheath Splitter | Aramid Yarn Snips | ST Assembly Tool |
|---|---|---|---|---|---|---|---|---|---|
| Part No. | | See below* | FC-8R | JR-M03 | JR-7 | LYNX-CORDTOOL-1.6-2.4 | LYNX-CORDTOOL-2.0-3.0 | N-57 | LYNX-ST-AT-01 |
| Product image | | | | | | | | | |
| Single fiber | Cord | ✓ | ✓ | ✓ | -- | ✓<br>for 1.6/2.4mm cord | ✓<br>for 2/3mm cord | ✓ | ✓<br>for ST connector |
| | Fiber | | | | ✓<br>for φ0.2～0.4mm fiber | -- | -- | -- | |
| MPO | Round/ Ribbon cord | ✓ | ✓ | -- | ✓ | -- | ✓ | ✓ | -- |
| | Bare Ribbon | | | | | | -- | -- | |

* All current models are compatible.

## Fiber Holders

| Connector Type | Single Fiber Connector (Lynx-CustomFit™ Ver.3) | | | | | | MPO Connector (Lynx-CustomFit™ Ver.2) | | |
|---|---|---|---|---|---|---|---|---|---|
| Type | 250μm fiber | 900μm Tight Buffer | 900μm Loose Tube/ 900μm Loose Buffer | 2mm cord with 900μm Tight Buffer | 2mm cord with 900μm Loose Buffer | 3mm cord with 900μm Tight Buffer | Bare Ribbon | Round Cord | Ribbon Cord |
| Part No.<br>(Left-hand side):<br>For fiber/Cord Set | FHS-025<br>or<br>LYNX-S-LB | FHS-09<br>or<br>LYNX-S | LYNX-S-LB | LYNX-S | LYNX-S-LB | LYNX-S | 12-fiber: FHM-12V<br>8-fiber: FHM-8 | | |
| Part No.<br>(Right-hand side):<br>For ferrule sub-assembly set | LYNX-C-PLS (Plastic, Standard) *1<br>or<br>LYNX-C (Metal, Option) | | | | | | LYNX2-C(MT)<br>(Plastic, Standard) *2<br>or<br>LYNX2-C(MT) Metal<br>(Metal, Option) | | |

*1 1 pc of LYNX-C-PLS holder is supplied with every 10 connectors.
*2 1 pc of LYNX2-C(MT) holder is supplied with every 100 connectors.

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LYNX3-EN001(India)
July 2025
Designed in Japan