Lynx2 Connector
(Lynx-Custom Fit® Splice-On Connector Ver.2)

Tailoring Your Fiber Optic Network

Splice-on fiber optic connector enabling quick, easy and reliable permanent field terminations

- Easy termination with ‘factory made’ quality
- Eliminating crimping process and crimping tools
- Requires neither adhesives, hand polishing, nor matching gel
- Compatible with Sumitomo Splicers and other brands
- Meets Telcordia GR-326-CORE and GR-1081-CORE compliance

Assembly procedures
1. Set Ferrule on Holder
2. Fusion Splicing
3. Shrinking Sleeve
4. Secure Kevlar
5. Complete

Connector Kit (for single fiber)
- Fusion splice point
- Splice protection sleeve
- Secure Kevlar Holder
- Optical fibre
- Pre-polished ferrule
- Pre-cleaved fiber stub
- Screw on Collar
- Disposal Holder
- 1pc for 100 connectors

Lynx2-SC, LC and FC Connector

Specification

<table>
<thead>
<tr>
<th>Connector</th>
<th>SC</th>
<th>LC</th>
<th>FC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber</td>
<td>SM, MM (0.25, 0.9mm (tight buffer, loose buffer)</td>
<td>Card Type: 1.6mm, 2mm, 2.4mm, 3mm</td>
<td></td>
</tr>
<tr>
<td>Media Type</td>
<td>Fiber Type: 0.25, 0.9mm (tight buffer, loose buffer) Card Type: 1.6mm, 2mm, 2.4mm, 3mm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Polish</td>
<td>APC, UPC (for SM), FC (for MM)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>SM: 0.15dB (Avg.), 0.3dB (max) MM: 0.10dB (Avg.), 0.25dB (max)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Return Loss</td>
<td>SM: ±05dB (APC), ±05dB (UPC) MM: ±03dB (PC)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Operating Temp.</td>
<td>-40 to 75°C</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Housing Color</td>
<td>SM: APC, Green MM: LC, Blue MM: 62.5/100μm, Black MM: 50/9μm, Aqua</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Interface</td>
<td>IEC61754 - 4 IEC61754 - 20 IEC61754 - 13</td>
<td></td>
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</tr>
</tbody>
</table>

Assembly Tool
- Compatible with many existing fusion splicers and accessories

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<tr>
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<th>Cord type</th>
<th>Fiber holder</th>
<th>Connector holder</th>
</tr>
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<tbody>
<tr>
<td>✔</td>
<td>✔</td>
<td>Lynx2-UML-S</td>
<td>✔</td>
</tr>
<tr>
<td>✔</td>
<td>✔</td>
<td>FHS-025/LBS</td>
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</tr>
<tr>
<td>✔</td>
<td>✔</td>
<td>Lynx2-SC</td>
<td></td>
</tr>
<tr>
<td>✔</td>
<td>✔</td>
<td>Lynx2-FC</td>
<td></td>
</tr>
<tr>
<td>✔</td>
<td>✔</td>
<td>Lynx2-LC</td>
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<td></td>
</tr>
<tr>
<td>✔</td>
<td>✔</td>
<td>Lynx2-FC</td>
<td></td>
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SUMITOMO ELECTRIC
Ingenious Dynamics
Lynx2-MPO Connector

Industry’s first MPO field installable, fusion splice-on connector

- Compatible with factory assembled MPO Connectors
- Bare ribbon or round cord loose tube cable is available
- Compact size - Short length as factory assembled MPO connectors
- Heat shrink tube - The highest reliability for the fiber protection
- Meets Telcordia GR-1435-CORE compliance

Lynx2-ST Connector

Expansion of Simplex Product Line

- Easy termination - The same procedure as other Lynx2 connectors
- Metal housing - High reliability
- Minimum Parts - Housing parts are pre-assembled

Lynx2-Duplex-LC-Clip

Lynx2-LC turns into Duplex type easily

- One piece, Simple design
- Easy installation and detachable design
- Lynx2-LC for 250/900μm, 900μm LB, 1.6mm and 2mm types are available

Note: The optical cord with 2.4mm or larger diameter is not applicable

Lynx2 with Short Boot

Compact size for small cabinet

- Short Silicone Boot
- Lynx2-SC and LC for 900μm types are available

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### Specification

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<tr>
<th>Connector</th>
<th>MPO</th>
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</thead>
<tbody>
<tr>
<td>Fiber</td>
<td>SM, MM (62.5μm, 50μm, 50μm10G)</td>
</tr>
<tr>
<td>Media Type</td>
<td>Bare ribbon, Round Cord (up to 12 fiber)</td>
</tr>
<tr>
<td>Polish</td>
<td>APC (for SM), PC (for MM)</td>
</tr>
<tr>
<td>Insertion Loss</td>
<td>SM Low Loss: 0.35dB (Against master plug)</td>
</tr>
<tr>
<td></td>
<td>SM Std Loss: 0.75dB (Against master plug)</td>
</tr>
<tr>
<td></td>
<td>MM: 0.35dB (Against aster plug)</td>
</tr>
<tr>
<td>Return Loss</td>
<td>SM: &gt;55dB</td>
</tr>
<tr>
<td>Operating Temp.</td>
<td>-40 to 75°C</td>
</tr>
<tr>
<td>Housing Color</td>
<td>MM50: Beige, MM62.5: Black, MM50(10G): Aqua</td>
</tr>
<tr>
<td>Interface</td>
<td>JEC61754 -7</td>
</tr>
</tbody>
</table>

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Assembly Tool helps the installation so that the fiber is not twisted

Note: APC polishing is not available for Lynx2-ST Connector

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