The Siemon LightVerse system includes support for fiber optic splicing via a splice cassette or splice trays which have been designed with the user in mind, combining innovative functionality with the quality and performance users expect from Siemon.

**LightVerse Splice Cassettes**

The LightVerse splice cassettes are a compact design, constructed from a robust translucent material making testing and verification easier, supporting up to 24 fibers per cassette with LC or SC connectors.

Simple usability has been designed in from the start, with each cassette featuring the same integrated front latches as other LightVerse modules, allowing users to easily install and remove them from the front or rear of the enclosure. All cassettes also include an integrated pull tether supporting quick rear removal and arrive pre-loaded with adapters and pigtails allowing faster on-site deployment.

**Shuttered Options**

LightVerse modules are available in both LC shuttered and non-shuttered configurations, allowing users to add more protection if required.

**Multiple Splice Support**

Each LightVerse splice cassette includes an integrated, stackable splice chip which supports both mass fusion and single splices, giving users maximum flexibility.

**Integrated Storage**

LightVerse splice cassettes feature an integrated storage loop with removable separation tray, allowing users to easily manage fiber connections.

**LightVerse Splice Trays**

The LightVerse splice trays are a revolutionary design which allows for a 1-to-1 ratio of splices to connectors. Made from robust, translucent plastic, each splice tray can support up to 24 fibers and are also stackable up to 4 times (96 fibers) within a single 1U footprint, providing the scalability and control users need for their needs.

**Stackable Design**

LightVerse splice trays include molded feet allowing them to easily be stacked up to 16 times within a 4U enclosure, allowing users to easily increase splice density as required.

**Simple Management**

Each LightVerse splice tray has multiple tie down points to easily secure transport tubes and offer an optional designation label which can be placed on the cover to help with day-to-day management.

**Clear Separation**

Each LightVerse splice tray features a molded design that supports inbound/outbound fiber, ensuring users can maintain clear separation.
Ordering Information

LightVerse™ Splice Cassettes

LC Splice Cassette
Black with ceramic sleeve

LVS(XX)-(XX)(XX)(X)(X)B1A
Fiber Count
12 = 12 Fibers
16 = 16 Fibers
24 = 24 Fibers
Connector
LC = Non Shuttered
LS = Shuttered
Fiber Construction
A = 900um
B = Ribbon Side 1
C = Ribbon Side 2
E = Empty (no fiber)
Buffer Rating
R = Riser
L = LS0H
Fiber Type
P6 = Beige OM1
PL = Aqua OM3
PV = Aqua OM4
PE = Erica Violet OM4
UA = Blue OS2 (UPC)
AA = Green OS2 (APC)

SC Splice Cassette
Black with metallic sleeve

LVS(XX)-SC(XX)(X)(X)B1A
Fiber Count
06 = 6 Fibers
08 = 8 Fibers
12 = 12 Fibers
Fiber Construction
A = 900um
E = Empty (no fiber)
Buffer Rating
R = Riser
L = LS0H
Fiber Type
P6 = Black OM1
PL = Aqua OM3
PV = Aqua OM4
UA = Blue OS2 (UPC)
AA = Green OS2 (APC)

Performance Specifications

<table>
<thead>
<tr>
<th>Performance</th>
<th>Max Insertion Loss (dB)</th>
<th>Min. Return Loss (dB)</th>
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<tbody>
<tr>
<td>62.5</td>
<td>0.50</td>
<td>0.15</td>
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<tr>
<td>OM3</td>
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<td>0.10</td>
</tr>
<tr>
<td>OM4</td>
<td>0.25</td>
<td>0.10</td>
</tr>
<tr>
<td>Singlemode</td>
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<td>0.10</td>
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</table>

Splice Capacity Chart

<table>
<thead>
<tr>
<th>Rack Space</th>
<th>1U</th>
<th>2U</th>
<th>4U</th>
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</thead>
<tbody>
<tr>
<td>Splice Capacity</td>
<td>96</td>
<td>192</td>
<td>384</td>
</tr>
</tbody>
</table>

LightVerse Splice Tray

Part Number | Description
------------|-------------
TRAYHD-1-A   | Splice Tray, Single Splice, 24 Splices
TRAY-4-R-MFS| Splice Tray, Mass or Ribbon, 6 Splices

LightVerse Splice Tray Accessories

Part Number | Description
-------------|-------------
HT-40        | 40mm single fiber heat shrink sleeve
HT-60        | 60mm single fiber heat shrink sleeve

Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

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