High Density 1U Fiber Connect Panel System

Regional Availability - Global

High-Density FCP3 Fiber Connect Panel
Economically connect, protect and manage up to 96 fibers within 1 rack mount unit. Designed to integrate with high density FCP3 fiber Plug and Play modules.

High Density
Supports up to 96 fibers in just 1U.

Enhanced Accessibility
Fiber drawer slides to the front and tilts down 30 degrees for maximum access to fiber connections.

Bend Radius Management
Recessed modules provide a high-capacity jumper management zone that helps maintain proper fiber bend radius.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCP3-DWR-4A</td>
<td>High-density FCP3 fiber enclosure, tilt, black, 1U</td>
</tr>
</tbody>
</table>

High Density FCP3 Connect Panel Plug and Play Modules and Adapter Plates
Siemon LC to MTP® FCP3 Plug and Play modules and LC adapter plates are designed for simple, snap-in deployment within the high density FCP3 Fiber Connect Panel. Providing up to 24 LC fibers per module, the factory terminated and tested modules are available in OM3 and OM4 multimode and singlemode configurations. The LC adapter plates provide a simple way to integrate traditional LC to LC connectivity within the high density FCP3 enclosure.

High Density
Modules provide up to 24 LC fibers per module, supporting up to 96 ports within the 1U FCP3 Fiber Connect Panel.

100% Fiber Utilisation and Future Application Support
Base 8 modules feature three 8-fiber MTPs for use with 8-fiber assemblies used in 40 and 100 Gig applications and beyond, eliminating the need for conversion cords.

Fast Deployment
Snap-in mounting and multi-fiber MTP connectivity offers ultra-fast deployment of high-performance fiber channels.

Easy Identification
Modules are colour coded black for Base 12 and grey for Base 8 to easily distinguish between the two systems.

Compact Housing
Reduces mounting depth for greater cable management space within enclosures.

Optimised Adapter Spacing
Enables easy finger access to fiber jumper connector latches in high density patching environments.

Multimode and Singlemode Modules
Utilises zirconia ceramic sleeves for optimum performance.
## Product Information

### Performance Specifications (Standard)

<table>
<thead>
<tr>
<th>Fiber Type</th>
<th>MAX Insertion (dB)</th>
<th>Min. Return Loss (dB)</th>
<th>Performance Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>5L-MM 50/125 10G (OM3)</td>
<td>0.40</td>
<td>0.25</td>
<td>20</td>
</tr>
<tr>
<td>5V-MM 50/125 10G (OM4)</td>
<td>0.40</td>
<td>0.25</td>
<td>20</td>
</tr>
<tr>
<td>SM-LWP SM (OS1/OS2)</td>
<td>0.60</td>
<td>0.40</td>
<td>60</td>
</tr>
</tbody>
</table>

### Performance Specifications (Low Loss)

<table>
<thead>
<tr>
<th>Fiber Type</th>
<th>MAX Insertion (dB)</th>
<th>Min. Return Loss (dB)</th>
<th>Performance Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>5L-MM 50/125 10G (OM3)</td>
<td>0.20</td>
<td>0.15</td>
<td>20</td>
</tr>
<tr>
<td>5V-MM 50/125 10G (OM4)</td>
<td>0.20</td>
<td>0.15</td>
<td>20</td>
</tr>
</tbody>
</table>

## Ordering Information

### Base 12 Modules

Base 12 HD FCP3 LC to MTP modules, black module

- **PPM-(XX)-L(X)(XX)-01(X)**
- **Fiber Count**
  - 12 = 12 Fibers
  - 24 = 24 Fibers
- **Shutter Door Option**
  - C = Standard LC
  - S = Shuttered LC
- **Performance**
  - Blank = Standard Loss
  - L = Low Loss (OM3/OM4 only)
- **Fiber Type**
  - 5L = OM3, XGLO 300 50/125 Multimode Aqua adapters
  - 5V = OM4, XGLO 550 50/125 Multimode Aqua adapters
  - EV = OM4, XGLO 550 50/125 Multimode, Erika Violet adapters
  - SM = OS1/OS2, Singlemode Blue adapters

### Base 8 Modules

24 Fiber base 8 HD FCP3 LC to MTP modules, grey module.

- **PEM(X)24-L(X)(X)(X)-(XX)A**
- **Gender**
  - F = Female
  - M = Male
- **Shutter Door Option**
  - C = Standard LC
  - S = Shuttered LC
- **Performance**
  - S = Standard Loss
  - L = Low Loss (OM3/OM4 only)
- **Fiber Type**
  - L = OM3 XGLO 300 50/125 Multimode, Aqua adapters
  - V = OM4 XGLO 550 50/125 Multimode, Aqua adapters
  - E = OM4, XGLO 550 50/125 Multimode, Erika Violet adapters
  - A = OS1/OS2 Singlemode, Blue adapters
Ordering Information

LC Adapter Plates
High-density FCP3 LC adapter plates, black

PPM-F-L(X)(X)(XX)-01

<table>
<thead>
<tr>
<th>Fiber Count</th>
<th>Adapter Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 = 12 Fibers</td>
<td>Blank = Beige</td>
</tr>
<tr>
<td>24 = 24 Fibers</td>
<td>Q = Aqua</td>
</tr>
<tr>
<td></td>
<td>E = Erika Violet</td>
</tr>
<tr>
<td></td>
<td>U = Blue</td>
</tr>
</tbody>
</table>

Shutter Door Option*
C = Standard LC
S = Shuttered LC

MTP Adapter Plates
High-density FCP3 MTP adapter plates, black

PPM-F-MP(XX)-01-(X)

<table>
<thead>
<tr>
<th>Fiber Count</th>
<th>Adapter Colour/Key Orientation</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 = 1 Port</td>
<td>Q = Aqua - Opposed</td>
</tr>
<tr>
<td>24 = 2 Port</td>
<td>E = Erika Violet - Opposed</td>
</tr>
<tr>
<td>48 = 4 Port</td>
<td>B = Grey - Aligned</td>
</tr>
<tr>
<td>72 = 6 Port</td>
<td>Blank = Black - Opposed</td>
</tr>
<tr>
<td>96 = 96 Fiber</td>
<td></td>
</tr>
</tbody>
</table>

Blank Adapter Plates

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>PPM-BLNK</td>
<td>Blank adapter plate, black</td>
</tr>
</tbody>
</table>

* Optional Shuttered LC adapters feature a small plastic shutter door that opens upon insertion without touching the connector endface and springs back into the closed position upon removal to ensure protection of empty ports.

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