High Density 1U Fiber Connect Panel System

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 rear 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

**Part #**

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

**Note:** Maximum fusion splice capacity is 72 fibers.

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 MTP®s 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

**WWW.SIEMON.COM**
High Density 1U Fiber Connect Panel System

Ordering Information:

Base 12 Modules

PPM-(XX)-L(X)(XX)-01(X) . . . . Base 12 HD FCP3 LC to MTP modules, black module

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)

Adapter Colour
Blank = Beige
Q = Aqua
E = Erika Violet
U = Blue

Base 8 Modules

PEM(X)(24-L(X)(XX)-(XX)A . . . 24 Fiber base 8 HD FCP3 LC to MTP modules, grey module

Gender
F = Female
M = Male

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

Adapter Colour
Blank = Beige
Q = Aqua
E = Erika Violet
U = Blue

Adapter Plates

PPM-F-L(X)(XX)-01 . . . . . . . . High-density FCP3 LC adapter plates, black

Fiber Count
12 = 12 Fibers
24 = 24 Fibers

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

PPM-(XX)-MP(XX)-01-(X) . . . . High-density FCP3 MTP adapter plates, black

Fiber Count
48 = 4 Port
72 = 6 Port

Adapter Colour/Key Orientation
Q = Aqua - Opposed
E = Erika Violet - Opposed
B = Grey - Aligned
Blank = Black - Opposed

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></td>
<td>MTP</td>
<td>LC</td>
<td>MTP</td>
</tr>
<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 50/125 10G (OM4)</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></td>
<td>MTP</td>
<td>LC</td>
<td>MTP</td>
</tr>
<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>

Part # Description
PPM-BLNK . . . . . . . Blank adapter plate, black

Performance Class:
XGLO® 300
XGLO 550
XGLO