Cisco Cabling Guide For 100G and 400G Fiber Optics

This compatibility guide has been designed to direct you through mapping the corresponding Cisco QSFP/QSFP-DD modules to the applicable Siemon Company solutions in order to build a complete network channel. For questions on compatibility and availability, please contact your regional Siemon Company sales representative.

### 100G QSFP28 Modules

<table>
<thead>
<tr>
<th>Type</th>
<th>Media</th>
<th>Connector Interface</th>
<th>Breakout</th>
<th>Near End Module/Adapater Plate</th>
<th>Product Image</th>
<th>Far End Module/Adapter Plate</th>
<th>Product Image</th>
<th>Breakout Equipment Cord</th>
<th>Product Image</th>
</tr>
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<tbody>
<tr>
<td>QSFP-100G-SR4-S</td>
<td>MM</td>
<td>MPO12</td>
<td>YES (4x25G-SR)</td>
<td>PPM-F-MP48-01-Q</td>
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### 400G QSFP-DD Modules

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<th>Connector Interface</th>
<th>Breakout</th>
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<th>Product Image</th>
<th>Far End Module/Adapter Plate</th>
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<th>Breakout Equipment Cord</th>
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Connecting the World to a Higher Standard

www.siemon.com
Plug and Play Base-8 MTP-MTP Fiber Trunks
Base-8 MTP-MTP RazorCore™ Fiber Trunks, Plenum

**Example Channels**

**40/100G-SRBD, 2 fiber MM Channel**
- QSFP-28
- LC BladePatch® Cord
- Base-8 MTP-LC Module
- 24F Base-8 MTP-MTP Trunk
- Base-8 MTP-LC Module
- LC BladePatch Cord
- QSFP-28

**400G-FR4, 2 fiber SM Channel**
- QSFP-28
- LC BladePatch® Cord
- Base-8 MTP-LC Module
- 24F Base-8 MTP-MTP Trunk
- Base-8 MTP-LC Module
- LC BladePatch Cord
- QSFP-28

**400G-DR4, 8 fiber SM Channel**
- QSFP-28
- 8F MTP Jumper
- MTP Adapters
- Base-8 MTP-MTP Trunk
- MTP Adapters
- 8F MTP Jumper
- QSFP-28

**400G-DR4 to 4 x 100G-DR-S Breakout Channel**
- QSFP-28
- 8F MTP Jumper
- MTP Adapters
- Base-8 MTP-MTP Trunk
- MTP Adapters
- MTP-LC Cord
- QSFP-28

**Fiber Optic Jumpers and Enclosures**

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<th>Fiber Count</th>
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<td>8</td>
<td>GJSPA(Y)FF-(XXX)M-B</td>
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<td>16</td>
<td>GJLPV(Y)FF-(XXX)M-B</td>
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**Fiber Type**

- 5V = OM4, XGLO™ 550 50/125 Multimode, Aqua
- SM = OS1/OS2, Singlemode, Yellow

**Gender**

- - = Female
- M = Male (recommended)

**Length**

- Must be 3 digits
- Example: 003 = 3m
- 010 = 10ft

**Fiber Optics and Connectors**

- 8 Fiber MTP Pro Jumper, SM
- 8 Fiber MTP Pro Jumper, OM4
- LC BladePatch Jumper, SM
- LC BladePatch Jumper, OM4
- High Density FCP3 Fiber Connect Panel, 96 Fibers in 1U

Please contact your local representative for additional part numbers.

(XXX): 001= 1 m, 010= 10 m, 100= 100 m
(Y): R = Riser, P = Plenum, L = LS0H
(Z): Blank = Riser, P = Plenum, H = LS0H

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