Base 8 MTP® to LC Hybrid Equipment Cords

Utilizing high quality Siemon RazorCore™ cable, Base 8 MTP to LC Equipment Cords offer a connectivity transition from 8-fiber MTP connectors to duplex LC. Ideal to facilitate interconnects or cross connects between active equipment, these Base 8 MTP to LC Cords may be implemented using Siemon’s MTP to MTP Adapter Plates to provide direct MTP to LC patching options over a wide range of distances and infrastructure configurations.

**Multiple Fiber Types**
Available in multimode (laser optimized 50/125 OM3 and OM4) and singlemode

**Custom Configuration**
Available from 8 to 144 fiber counts in increments of 8 fibers

**Easy Identification**
Base 8 MTP solutions feature a blue boot to easily distinguish from Base 12 solutions

**Small Diameter**
RazorCore fiber cable improves cable management and pathway fill
ORDERING INFORMATION

Base 8 MTP to LC Trunks

**Performance**
- F = Standard Loss (SM only)
- L = Low Loss (OM3/OM4 only)

**Fibre Count**
- B = 8
- C = 16
- D = 24
- E = 32
- F = 48
- G = 72
- H = 96
- J = 144

**Polarity**
- LC = Reverse Fibre Position (RFP)
- CL = Continuous Fibre Position (CFP)

**Fibre Type**
- SL = OM3, XGLO 50/125 Multimode Aqua
- SW = OM4, XGLO 50/125 Multimode Aqua
- EV = OM4, XGLO 550 50/125 Multimode Erika Violet
- SM = OM1/OM2, Singlemode Yellow

**Length Unit**
- F = Feet
- M = Metre

**Length**
- Length must be 3 digits
- Example: 003 = 3m
- 010 = 10 ft.

**Pulling Eye**
- A = MTP Side (> 5m only)
- C = None

**Jacket Rating**
- P = Plenum
- R = Riser
- L = LSZH

**MTP Gender**
- MM = Male
- MF = Female

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**5L = **OM3, XGLO 300 50/125 Multimode Aqua
**5V = **OM4, XGLO 550 50/125 Multimode Erika Violet
**EV = **OM4, XGLO 550 50/125 Multimode Erika Violet
**SM = **OS1/OS2, Singlemode Yellow

* Minimum order length is 1 meter (3.28 ft.). Order length is measured connector tip to connector tip.
* Trunks greater than 1 meter (3.28 ft.) have breakout length of 1 meter (3.28 ft.). 1 meter (3.28 ft.) trunks have a 50cm (1.64 ft.) breakout length (See diagram below)

**Only trunk lengths greater than 5 meters (16FT) come with a pulling eye**
Cable - Optical and Physical Specifications

<table>
<thead>
<tr>
<th>Fiber Cable Attenuation, MAX (dB/km)</th>
<th>XGLO® 50/125 OM3 (850/1300nm)</th>
<th>XGLO® 50/125 OM4 (850/1300nm)</th>
<th>XGLO® 1310/1383/1550nm</th>
</tr>
</thead>
<tbody>
<tr>
<td>LED Bandwidth, MIN (MHz/km)</td>
<td>1500/600</td>
<td>3500/500</td>
<td>N/A</td>
</tr>
<tr>
<td>Effective Modal Bandwidth, MIN (MHz/km)</td>
<td>2000</td>
<td>4700</td>
<td>N/A</td>
</tr>
<tr>
<td>Cable Outer Jacket, Color (Per TIA-568-D)</td>
<td>Aqua</td>
<td>Aqua</td>
<td>Yellow</td>
</tr>
</tbody>
</table>

Non-Armored Cable & Pulling Eye Assembly

<table>
<thead>
<tr>
<th>Fiber Strand Count</th>
<th>Cable Diameter mm (in.)</th>
<th>Max Pulling Eye Diameter mm (in.)</th>
<th>*Required Duct Diameter mm (in.)</th>
<th>Max Pull Force kg (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>3.0 (0.12)</td>
<td>3.0 (0.12)</td>
<td>3.81 (1.5)</td>
<td>68.9 (2.75)</td>
</tr>
<tr>
<td>16</td>
<td>3.8 (0.15)</td>
<td>3.8 (0.15)</td>
<td>3.81 (1.5)</td>
<td>68.9 (2.75)</td>
</tr>
<tr>
<td>24</td>
<td>3.8 (0.15)</td>
<td>3.8 (0.15)</td>
<td>3.81 (1.5)</td>
<td>68.9 (2.75)</td>
</tr>
<tr>
<td>32</td>
<td>9.4 (0.37)</td>
<td>7.5 (0.30)</td>
<td>6.5 (0.26)</td>
<td>44.5 (1.75)</td>
</tr>
<tr>
<td>48</td>
<td>9.4 (0.37)</td>
<td>7.5 (0.30)</td>
<td>6.5 (0.26)</td>
<td>44.5 (1.75)</td>
</tr>
<tr>
<td>72</td>
<td>9.4 (0.37)</td>
<td>7.5 (0.30)</td>
<td>6.5 (0.26)</td>
<td>44.5 (1.75)</td>
</tr>
<tr>
<td>96</td>
<td>13.2 (0.52)</td>
<td>13.6 (0.54)</td>
<td>12.5 (0.49)</td>
<td>63.5 (2.5)</td>
</tr>
<tr>
<td>144</td>
<td>13.2 (0.52)</td>
<td>13.6 (0.54)</td>
<td>12.5 (0.49)</td>
<td>80 (3.15)</td>
</tr>
</tbody>
</table>

Connectors - Optical Specifications

<table>
<thead>
<tr>
<th>Fiber Type</th>
<th>Performance Class</th>
<th>Max Insertion Loss (dB)</th>
<th>Min Return Loss (dB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10G 50/125µm Multimode OM3</td>
<td>XGLO 300</td>
<td>0.40</td>
<td>0.25</td>
</tr>
<tr>
<td>10G 50/125µm Multimode OM4</td>
<td>XGLO 550</td>
<td>0.40</td>
<td>0.25</td>
</tr>
<tr>
<td>Laser Optimized 50/125 Multimode OM3</td>
<td>XGLO 300 Low Loss</td>
<td>0.20</td>
<td>0.15</td>
</tr>
<tr>
<td>Laser Optimized 50/125 Multimode OM4</td>
<td>XGLO 550 Low Loss</td>
<td>0.20</td>
<td>0.15</td>
</tr>
<tr>
<td>Singlemode OS1/OS2</td>
<td>XGLO</td>
<td>0.60</td>
<td>0.40</td>
</tr>
</tbody>
</table>

Connectors - Physical Specifications

<table>
<thead>
<tr>
<th>Connector Type</th>
<th>IEC Intermateability Compliance</th>
<th>TIA Intermateability Compliance</th>
<th>Housing Color</th>
<th>Boot Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-Fiber MTP</td>
<td>IEC 61754-7</td>
<td>TIA/EIA-604-5</td>
<td>SM</td>
<td>MM</td>
</tr>
</tbody>
</table>

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