CONVERSION JUMPER FOR 100G: (2) 12F MTP TO (1) 24F MTP

Siemon’s Conversion cords utilizes (2) 12 fiber MTP to MTP trunks and transitions them from the backbone trunk to (1) 24-fiber MTP connector to connect to the active equipment.

Small Diameter
RazorCore™ fiber cable improves cable management

Jacket Ratings
Available in Plenum, Riser and LSOH

Designation Labels
On each leg for traceability throughout the channel

100G BASE-SR10, 1 x 24-Fiber MTP’s
• With the 100G option (1)
  24 strand MTP trunks are used for one link
10G CASSETTE-BASED CHANNEL MIGRATION TO 100G Channel

10G Channel

Example Channel Model

Existing Backbone Fiber Trunk

Part # FR12-5LP(XXX)M-C

Polarity C
Female to Female

MTP Adapter Plate with Opposing Key

YW Conversion Cord

Polarity B
Female to Male

Cassettes and LC jumpers removed

100G Channel

Example Channel Model

Existing Backbone Fiber Trunk

Part # YJMFFM5LP(XXX)MB

YW Conversion Cord

Polarity B
Female to Male

Cassettes and LC jumpers removed

Part # FR12-5LP(XXX)M-C

Polarity C
Female to Female

MTP Adapter Plate with Opposing Key

Part # YJMFMM5LP(XXX)MC

YW Conversion Cord

Polarity C
Male to Female

• Utilizes conversion jumper on each end of the channel instead of traditional 12-fiber MTP jumper
• 40G channels use 8 of the 12 available fibers leaving 33% of the backbone unused.
   The conversion jumper eliminates the unused fibers allowing 100% backbone fiber utilization
Ordering Information:


Performance
L = Low Loss
Blank = Standard Loss
Polarity Method
B = Red/B
C = Red/C
Length
F = Foot
M = Meter

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

Product Specifications

STANDARD LOSS ASSEMBLIES

<table>
<thead>
<tr>
<th>Fiber Type</th>
<th>MAX Insertion (dB)</th>
<th>MAX Return Loss (dB)</th>
<th>Performance Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>5L-MM 50/125 (OM3)</td>
<td>0.50</td>
<td>0.25</td>
<td>XGLO ® 300</td>
</tr>
<tr>
<td>5L-MM 50/125 (OM4)</td>
<td>0.50</td>
<td>0.25</td>
<td>XGLO 550</td>
</tr>
<tr>
<td>5V-MM 50/125 (OM4)</td>
<td>0.50</td>
<td>0.25</td>
<td>XGLO 550</td>
</tr>
</tbody>
</table>

LOW LOSS ASSEMBLIES

<table>
<thead>
<tr>
<th>Fiber Type</th>
<th>MAX Insertion (dB)</th>
<th>MAX Return Loss (dB)</th>
<th>Performance Class</th>
</tr>
</thead>
<tbody>
<tr>
<td>5L-MM 50/125 (OM3)</td>
<td>0.20</td>
<td>0.15</td>
<td>XGLO 300</td>
</tr>
<tr>
<td>5L-MM 50/125 (OM4)</td>
<td>0.20</td>
<td>0.15</td>
<td>XGLO 550</td>
</tr>
<tr>
<td>5V-MM 50/125 (OM4)</td>
<td>0.20</td>
<td>0.15</td>
<td>XGLO 550</td>
</tr>
</tbody>
</table>

CABLE - OPTICAL AND PHYSICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Multimode</th>
</tr>
</thead>
<tbody>
<tr>
<td>XGLO 50/125 OM3 (850/1300nm)</td>
<td>XGLO 50/125 OM4 (850/1300nm)</td>
</tr>
<tr>
<td>Fiber Cable Attenuation MAX (dB/km)</td>
<td>3.2/1.0</td>
</tr>
<tr>
<td>LED Bandwidth, MIN (MHz/km)</td>
<td>1500/500</td>
</tr>
<tr>
<td>Effective Modal Bandwidth, MIN (MHz/km)</td>
<td>2000</td>
</tr>
<tr>
<td>Cable Outer Jacket, Color (Per TIA-568-D)</td>
<td>Aqua</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>MTP</td>
<td>IEC 61754-7</td>
<td>TIA/EIA-604-5</td>
<td>Aqua</td>
<td>Black</td>
</tr>
</tbody>
</table>