Conversion Cord For 40G: (2) 12F MTP TO (3) 8F MTP
Siemon’s Conversion cord ensures 100 percent utilisation of 12 fibre MTP to MTP trunks at 40 and 100G transmission. The cords transition (2)12-fibre MTP connectivity from the backbone trunk to (3) 8-fibre MTP connector.

**Jacket Ratings**
Available in Plenum and LS0H

**Designation Labels**
On each leg for traceability throughout the channel

**Small Diameter**
RazorCore™ fiber cable improves cable management

**40G BASE-SR4 8-Fiber MTP**
- With the 40G option (1) 12 stran MTP trunk is used for one link
Product Information

10G Cassette-Based Channel Migration To 40G Channel

- 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

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></td>
<td>MTP</td>
<td>LC</td>
<td>MTP</td>
</tr>
<tr>
<td>5L-MM 50/125 (OM3)</td>
<td>0.50</td>
<td>0.25</td>
<td>20</td>
</tr>
<tr>
<td>5V-MM 50/125 (OM3)</td>
<td>0.50</td>
<td>0.25</td>
<td>20</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></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 (OM3)</td>
<td>0.20</td>
<td>0.15</td>
<td>20</td>
</tr>
</tbody>
</table>
Product Information

Cable - Optical and Physical and Specifications

<table>
<thead>
<tr>
<th>Connector Type</th>
<th>Fiber Type</th>
<th>Fiber Cable Attenuation MAX (db/km)</th>
<th>LED Bandwidth, MIN (MHz/km)</th>
<th>Effective Modal Bandwidth, MIN (MHz/km)</th>
<th>Cable Outer Jacket, Color (Per TIA-598-D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Side A MTP (8 Core)</td>
<td>SL = OM3 XGLO 300 50/125 Multimode</td>
<td>XGLO 50/125 OM3 (850/1300nm)</td>
<td>3.0/1.0</td>
<td>1500/500</td>
<td>Aqua</td>
</tr>
<tr>
<td>Side B MTP (12 Core)</td>
<td>SV = OM4 XGLO 550 50/125 Multimode</td>
<td>XGLO 50/125 OM3 (850/1300nm)</td>
<td>3.0/1.0</td>
<td>3500/500</td>
<td>Aqua</td>
</tr>
<tr>
<td>EV = OM4, XGLO 550 50/125 Multimode</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Erika Violet</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Jacket Rating</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>P = Plenum</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>L = LSZH</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></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>MM-5L/5V</td>
<td>MM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Aqua</td>
<td>Black</td>
</tr>
</tbody>
</table>

Ordering Information

40/100G Equipment Conversion Cords


Side A MTP (8 Core)
MF = Female

Side B MTP (12 Core)
MM = Male
MF = Female

Fiber Type
SL = OM3 XGLO 300 50/125 Multimode
SV = OM4 XGLO 550 50/125 Multimode
EV = OM4, XGLO 550 50/125 Multimode
Erika Violet

Jacket Rating
P = Plenum
L = LSZH

Performance
L = Low Loss
Blank = Standard Loss

Polarity Method
B = Method B
C = Method C

Length Unit
F = Feet
M = Meter

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

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

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