**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, Riser and LSOH

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

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

**40G BASE-SR4 8-Fiber MTP**
- With the 40G option (1) 12 strand MTP trunk is used for one link
10G CASSETTE-BASED CHANNEL MIGRATION TO 40G Channel

10G Channel
Example Channel Model

Existing Backbone Fiber Trunk

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

Polarity C
Female to Female

Cassettes and LC jumpers removed

40G Channel
Example Channel Model

Existing Backbone Fiber Trunk

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

Polarity C
Female to Female

Part # YWMM5LP(XXX)M-C

YW Conversion Cord

Polarity B
Female to Male

MTP Adapter Plate with Opposing Key

MTP Adapter Plate with Opposing Key

• 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

40/100G EQUIPMENT CONVERSION CORDS

Side A
MTP (B Core)
MF = Female
Side B
MTP (12 Core)
MM = Male
MF = Female
Fiber Type
SL = OM3 D60 380 50/125 Multimode
SV = OM4 XG65 550 50/125 Multimode
EV = OM4, XG65 550 50/125 Multimode Erika Violet

Jacket Rating
P = Purple
R = Red
L = LSOH

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.
# 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>20</td>
<td>XGLO® 300</td>
</tr>
<tr>
<td>5V-MM 50/125 (OM4)</td>
<td>0.50</td>
<td>20</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>20</td>
<td>XGLO 300</td>
</tr>
<tr>
<td>5V-MM 50/125 (OM4)</td>
<td>0.20</td>
<td>20</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>3.0/1.0</td>
</tr>
<tr>
<td>XGLO 50/125 OM4 (850/1300nm)</td>
<td>3.0/1.0</td>
</tr>
</tbody>
</table>

- Fiber Cable Attenuation MAX (db/km) 3.0/1.0
- LED Bandwidth, MIN (MHz/km) 1500/500
- Effective Modal Bandwidth, MIN (MHz/km) 2000
- Cable Outer Jacket, Color (Per TIA-586-D) Aqua

## 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>