Utilizing high quality Siemon RazorCore™ cable, Base-12 MTP to LC BladePatch Trunks offer a connectivity transition from one 12-fiber MTP or MTP PRO connector to six duplex LC connectors. The LC BladePatch connector features UniClick™ technology to easily release the boot to change polarity and a unique push-pull boot to control the latch, enabling easy access and removal in tight-fitting areas. Ideal to facilitate interconnects or cross connects between active equipment, these Base-12 MTP to LC BladePatch Trunks 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. These trunks are also available in specific staggered lengths for active equipment including NEXUS, Cisco MDS and Brocade.

- **Flame Standards, CPR Qualification**
  - LSHF-FR (FRNC)
  - IEC 60332-2, IEC 60754-1, IEC 60754-2, IEC 61034
  - EN 50575, Class Eca, Dca, Cca, s1a, d1, a1

- **Small Diameter**
  - RazorCore fiber cable improves cable management and pathway fill

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

- **Low Profile Boot**
  - Optimizes side-stackability

- **MTP PRO Connector**
  - The MTP Pro option enables quick and easy polarity and pin changes in the field using an innovative hand-held tool.

- **Enhanced Installation and Removal**
  - Innovative and patented LC BladePatch, push-pull boot for easy access in high density environment

- **UniClick™ Switch**
  - The UniClick™ uniboot technology features a smaller footprint, one-piece body with an integrated switch to enable faster and easier polarity change using the innovative rotating latches

- **Regional Availability** - Europe | Russia | Eurasia
### Product Information

#### Cable - Optical and Physical Specifications

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Multimode</th>
<th>Min Return Loss (db)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>XGLO 50/125 OM3 (850/1300mm)</td>
<td>XGLO 50/125 OM4 (850/1300mm)</td>
</tr>
<tr>
<td>Fiber Cable Attenuation MAX (db/km)</td>
<td>3.0/1.0</td>
<td>3.0/1.0</td>
</tr>
<tr>
<td>LED Bandwidth, MIN (MHz/km)</td>
<td>1500/500</td>
<td>3500/500</td>
</tr>
<tr>
<td>Effective Modal Bandwidth, MIN (MHz/km)</td>
<td>2000</td>
<td>4700</td>
</tr>
<tr>
<td>Cable Outer Jacket, Color (Per TIA-598-C)</td>
<td>Aqua</td>
<td>Aqua</td>
</tr>
</tbody>
</table>

* XGLO Singlemode fiber meets low water peak specifications per ITU-T G.652.C

#### Cable — Optical and Physical Specifications (Nominal)

<table>
<thead>
<tr>
<th>Jacket Type</th>
<th>Fiber Strand Count</th>
<th>Cable Diameter mm (in.)</th>
<th>Min Bend Radius Operational mm (in.)</th>
<th>Min Bend Radius Installation mm (in.)</th>
<th>Max Pulling Eye Diameter mm (in.)</th>
<th>*Required Duct Diameter mm (in.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LSZH Dca</td>
<td>12</td>
<td>3.0 (0.12)</td>
<td>30 (1.2)</td>
<td>45 (1.8)</td>
<td>44.5 (1.75)</td>
<td>69.9 (2.75)</td>
</tr>
<tr>
<td>LSZH Cca</td>
<td>12</td>
<td>3.0 (0.12)</td>
<td>30 (1.2)</td>
<td>60 (2.3)</td>
<td>44.5 (1.75)</td>
<td>69.9 (2.75)</td>
</tr>
</tbody>
</table>

*Pulling eye assembly shall be capable of passing through these minimum duct diameter requirements during product installation. Pulling eye max pull force 18.1kg (40lbs)

#### 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></td>
<td></td>
<td>MTP</td>
<td>LC/SC</td>
</tr>
<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</td>
<td>0.20</td>
<td>0.15</td>
</tr>
<tr>
<td>Laser Optimized 50/125 Multimode OM4</td>
<td>XGLO 550</td>
<td>0.20</td>
<td>0.15</td>
</tr>
<tr>
<td>Singlemode 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>12-Fiber MTP</td>
<td>IEC 61754-7</td>
<td>TIA/EIA-604-5</td>
<td>SM</td>
<td>MM</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>MM-5L/5V</td>
<td>SM</td>
</tr>
</tbody>
</table>

#### Bend Insensitive Fiber

- Multimode OM3 Per TIA/EIA-492AAC, IEC60793-2-10 A1a.2
- Multimode OM4 Per TIA/EIA-492AAD, IEC60793-2-10 A1a.3
Ordering Information

MTP® to LC BladePatch® Hybrid Equipment Cords - Base-12 Euroclass

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

Connector Option
2 = Standard MTP
P = MTP Pro

Pulling Eye Option
A = MTP Side (for lengths >5m only)
C = None

Fiber Type
L = OM3 XGLO 500 50/125 Multimode Aqua
V = OM4 XGLO 550 50/125 Multimode
E = OM4 XGLO 550 50/125 Multimode, Erika Violet
A = OS1/OS2 Singlemode

Jacket Rating
L = Class Dca
C = Class Cca

Length Unit
F = Feet
M = Meter

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

LC BP Connector
LB = Reverse Fiber Position (RFP)
BL = Continuous Fiber Position (CFP)

Stagger Type
1 = No Stagger
2 = Cisco 9512 & 9412
3 = Cisco NEXUS
4 = Brocade

MTP Gender
M = Male
F = Female

Part Number Description
FT-MP-AT Field Termination, MTP PRO, Activation Tool
FT-MP-PE-SME Field Termination, MTP PRO, Pin Exchanger with SM Elite Pins
FT-MP-PE-MME Field Termination, MTP PRO, Pin Exchanger with MM Elite Pins
FT-MP-PE-SM Field Termination, MTP PRO, Pin Exchanger with SM, without Pins
FT-MP-PE-MM Field Termination, MTP PRO, Pin Exchanger with MM, without Pins

* 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

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

North America
P: (1) 860 945 4200

Asia Pacific
P: (61) 2 8977 7500

Latin America
P: (571) 657 1950/51/52

Europe
P: (44) 0 1932 571771

China
P: (86) 215385 0303

India, Middle East & Africa
P: (971) 4 3689743

Siemon Interconnect Solutions
P: (1) 860 945 4213
www.siemon.com/SIS

Mexico
P: (521) 556 387 7708/09/10