XGLO® and LightSystem® Jumpers & Pigtails

XGLO fiber optic cable assemblies are ideal for supporting duplex and simplex fiber applications over extended distances and next-generation backbones. XGLO cable assemblies feature premium fiber that meets IEC-60793-2-10, TIA-492AAAC (OM3) and TIA-492AAAD (OM4) specifications. In addition, these assemblies offer a superior connector polish that meets stringent Telcordia and ISO/IEC specifications for end-face geometry and exceeds all ANSI/TIA and ISO/IEC insertion loss and return loss requirements. The XGLO singlemode jumpers and pigtails are also available in angled polish (APC) for FTXX, PON, POL, CATV LAN and WAN. These precision cable assemblies are warranted for 20 years when installed in a qualified Siemon XGLO or LightSystem. 100% inspection ensures superior performance and quality.

Fiber Type – OM1, OM3, OM4, OS1/OS2

Polarity Correction – SC and LC duplex clip allows for polarity correction

Exceeds Requirements – Exceeds TIA/EIA and ISO/IEC requirements for aging, exposure to humidity, temperature extremes, impact, vibration, coupling strength, and cable resistance to stress and strain

APC Connectivity – Complies with Telcordia GR-326-CORE issue 4

*Tested in accordance with the Service Life requirements of Telcordia GR-326-CORE issue 4.

* LC 900µm simplex pigtails are TIA/EIA and ISO/IEC compliant.

Bulk Pack Pigtails – Convenient protective plastic bulk packaging reduces waste

- 12 pack SC
- 12/24 pack LC
- TIA colour code pack 1-12 colours

PERFORMANCE SPECIFICATIONS

<table>
<thead>
<tr>
<th></th>
<th>OM1 - 62.5/125µm Multimode</th>
<th>OM3 50/125µm Multimode</th>
<th>OM4 50/125µm Multimode</th>
<th>OS1/OS2 Singlemode (UPC)</th>
<th>OS1/OS2 Singlemode (APC)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wavelength (nm)</td>
<td>850</td>
<td>850</td>
<td>850</td>
<td>850*</td>
<td>850*</td>
</tr>
<tr>
<td></td>
<td>1300</td>
<td>1300</td>
<td>1300</td>
<td>1310/1550nm</td>
<td>1310/1550nm</td>
</tr>
<tr>
<td>Min. Cable Bandwidth (MHz*km)</td>
<td>200</td>
<td>1500 (OFL)</td>
<td>500 (OFL)</td>
<td>2000 (EMB)</td>
<td>3500 (OFL)</td>
</tr>
<tr>
<td></td>
<td>500</td>
<td>500 (OFL)</td>
<td>2000 (EMB)</td>
<td>500 (OFL)</td>
<td>4700 (EMB)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Max. Insertion Loss (dB)</td>
<td>0.50 (0.15 Typical)</td>
<td>0.25 (0.10 Typical)</td>
<td>0.25 (0.10 Typical)</td>
<td>0.40 (0.10 Typical)</td>
<td>0.40 (0.15 Typical)</td>
</tr>
<tr>
<td>Min. Return Loss (dB)</td>
<td>25 (30 Typical)</td>
<td>30 (35 Typical)</td>
<td>30 (35 Typical)</td>
<td>55 (60 Typical)</td>
<td>65 (70 Typical)</td>
</tr>
</tbody>
</table>

* Laser bandwidth
XGLO® Multimode OM3 and OM4 Duplex Jumpers

FJ2-(XX)(XX)(XX)-(XXX)(XX)(X) . . . XGLO Multimode Jumpers: OM3, OM4 50/125µm

<table>
<thead>
<tr>
<th>Side A - Connector</th>
<th>Side B - Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC = LC</td>
<td>LC = LC</td>
</tr>
<tr>
<td>SC = SC</td>
<td>SC = SC</td>
</tr>
<tr>
<td>SA = ST</td>
<td>SA = ST</td>
</tr>
</tbody>
</table>

Fiber Type
- SL = OM3 XGLO 300 50/125 Multimode (Aqua)
- SV = OM4 XGLO 550 50/125 Multimode (Aqua, Erika Violet)

Length
- Example:
  - 01 = 1 meter (3 ft)
  - 100 = 100 meter (328 ft)

Bulk Package
- Blank = Non Bulk
- B = Bulk
  - SC and LC interface only
  - Available in lengths 5 meters (16.4 ft) or less
  - Remove dashes “-” and add “B” to the end of the part number for bulk pack of 100 jumpers (10 per bag)

Jacket Rating/Color
- AQ = Riser (OFNR) Aqua cable & Beige connectivity
- AH = LSZH (IEC 60332-3C) Aqua cable & Beige connectivity
- QQ = Riser (OFNR) Aqua cable & connectivity
- QH = LSZH (IEC 60332-3C) Aqua cable & connectivity
- EQ = Riser (OFNR) Erika Violet cable & connectivity (OM4 only)
- EH = LSZH (IEC 60332-3C) Erika Violet cable & connectivity (OM4 only)

Remove 2nd dash for 3-digital lengths

XGLO® Multimode OM3 and OM4 900µm Buffered Simplex Pigtails

FP1B-(XX)(XX)(XX)(XX)(XX)(X) . . . XGLO Multimode Simplex 900µm Buffered Pigtails: OM3, OM4 50/125µm

<table>
<thead>
<tr>
<th>Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC = LC</td>
</tr>
<tr>
<td>SC = SC</td>
</tr>
<tr>
<td>SA = ST</td>
</tr>
</tbody>
</table>

Fiber Type
- SL = OM3 XGLO 300 50/125 Multimode (Aqua)
- SV = OM4 XGLO 550 50/125 Multimode (Aqua, Erika Violet)

Length
- Example:
  - 01 = 1 meter (3 ft)
  - 05 = 5 meter (16 ft)

Jacket Rating/Color
- AQ = Riser (OFNR) Aqua cable & Beige connectivity
- AH = LSZH (IEC 60332-3C) Aqua cable & Beige connectivity
- QQ = Riser (OFNR) Aqua cable & connectivity
- QH = LSZH (IEC 60332-3C) Aqua cable & connectivity
- EQ = Riser (OFNR) Erika Violet cable & connectivity (OM4 only)
- EH = LSZH (IEC 60332-3C) Erika Violet cable & connectivity (OM4 only)

Custom lengths and jacket colours are available upon request. Contact our Customer Service Department for more information. Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

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W W W . S I E M O N . C O M
XGLO® Singlemode OS1/OS2 Duplex Jumpers


Side A - Connector
LC = LC
SC = SC
SA = ST

Side A - Mode/Performance
U = Ultra (UPC)
A = Angled (APC) (LC & SC only)

Side B - Connector
LC = LC
SC = SC
SA = SA

Side B - Performance
U = Ultra (UPC)
A = Angled (APC) (LC & SC only)

Bulk Package
Blank = Non Bulk
B = Bulk
SC UPC and LC UPC interface only
Available in lengths 5 meters (16.4 ft.) or less
Remove dashes "-" and add "B" to the end of the part number for bulk pack of 100 jumpers (10 per bag)

Jacket Rating/Color
Blank = Riser (OFNR) Yellow cable, UPC Blue connectivity, APC Green connectivity
H = LSOH (IEC 60332-3C) Yellow cable, UPC Blue connectivity, APC Green connectivity

Length
Example:
01 = 1 meter (3 ft)
05 = 5 meter (16 ft)

Fiber Type
L = OS1/OS2 Singlemode (Yellow)

XGLO® Singlemode OS1/OS2 900µm Buffered Simplex Pigtails

FP1B-(XX)(XX)-(XX)(X)  . . . . . . . Singlemode 900µm Buffered Simplex Pigtails - OS1/OS2

Connector
LC = LC
SC = SC
SA = SA

Performance
UL = Ultra (UPC)
AL = Angled (APC) (LC & SC only)

Jacket Rating/Color
Blank = Riser (OFNR) Yellow cable, UPC Blue connectivity, APC Green connectivity
H = LSOH (IEC 60332-3C) Yellow cable, UPC Blue connectivity, APC Green connectivity

Length
Example:
01 = 1 meter (3 ft)
05 = 5 meter (16 ft)

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LightSystem  62.5 µm Multimode OM1 Duplex Jumpers

Side “A” Connector
- LC = LC
- SC = SC
- SA = ST

Side “B” Connector
- LC = LC
- SC = SC
- SA = ST

Fiber Type
- 6MM = OM1 62.5/125 Multimode (Orange)

Length
Example:
- 01 = 1 meter (3 ft)
- 05 = 5 meter (16 ft)

Jacket Rating/Color
- Blank = Riser (OFNR) Orange cable, Beige connectivity
- H = LSOH (IEC 60332-3:1) Orange cable, Beige connectivity

LightSystem  62.5 µm Multimode OM1 900µm Buffered Simplex Pigtails

Fiber Type
- 6MM = OM1 62.5/125 Multimode (Orange)

Length
Example:
- 01 = 1 meter (3 ft)
- 05 = 5 meter (16 ft)

Jacket Rating/Color
- Blank = Riser (OFNR) Orange cable, Beige connectivity
- H = LSOH (IEC 60332-3:1) Orange cable, Beige connectivity

Custom lengths and jacket colors are available upon request. Contact our Customer Service Department for more information.

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Bulk Fiber 900μm Buffered Pigtails, Singlemode OS1/OS2 and Multimode OM3/OM4

Pack Quantity
- 12 = 12 Pigtails
- 24 = 24 Pigtails (LC only)

Jacket color:
- Aqua OM3/OM4, Erika Violet OM4, Yellow OS1/OS2

T24 = 24 Pigtails TIA color code (LC only)

Jacket color:
- Blue, Orange, Green, Brown, Slate, White, Red, Black,
- Yellow, Violet, Rose, Aqua

Connector
- LC = LC
- SC = SC

Mode/Performance
- SL = OM3 XGLO 500 50/125 Multimode
- SV = OM4 XGLO 550 50/125 Multimode
- UL = Ultra (UPC) Singlemode
- AL = Angled (APC) Singlemode

Bulk Package
- B = Bulk
  - Available in lengths 5 meters (16.4 ft.) or less

Jacket Rating/Connectivity Color
- Blank = Riser (OFNR) UPC Blue, APC Green, OS1/OS2
- LH = LSOH (IEC 60332-3C) UPC Blue, APC Green, OS1/OS2
- AQ = Riser (OFNR) Beige connectivity, OM3/OM4
- AH = LSOH (IEC 60332-3C) Beige connectivity, OM3/OM4
- QQ = Riser (OFNR) Aqua connectivity, OM3/OM4
- QH = LSOH (IEC 60332-3C) Aqua connectivity, OM3/OM4
- EQ = Riser (OFNR) Erika Violet connectivity (OM4 only)
- EH = LSOH (IEC 60332-3C) Erika Violet connectivity (OM4 only)

Length
- Example:
  - 01 = 1 meter (3 ft)
  - 05 = 5 meter (16 ft)

Custom lengths and jacket colors are available upon request. Contact our Customer Service Department for more information.

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