Siemon LSOH (IEC 60332-3) indoor/outdoor tight buffer fiber cables are ideal for data centres, campus and building backbones. Siemon fiber optic cables are offered in XGLO configurations supporting high-speed applications such as Gigabit Ethernet, 10 Gigabit Ethernet and Fiber Channel. Siemon indoor/outdoor water blocking is primarily for dry duct applications for moisture and temporary water migration protection.

### Ordering Information:

<table>
<thead>
<tr>
<th>Fiber Type</th>
<th>Performance</th>
<th>UOM/Origin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber Count (Subunit)</td>
<td>XGLO Multimode 50/125 OM3 and OM4, Singlemode OS1/OS2</td>
<td>Metric, Australia</td>
</tr>
<tr>
<td>S = 50/125µm</td>
<td>9GD(X)H(XXXX)-(XX)(XX)S</td>
<td>S = 50/125µm</td>
</tr>
<tr>
<td>B = OS1/OS2 Singlemode</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Standards Compliance:

- **XGLO 300 Multimode 50/125, OM3**
  - ISO/IEC 11801:2002 OM3
  - ANSI/TIA-568.3-D
  - ANSI/TIA-598-D
  - ANSI/TIA-492 AAAD
  - ACMA-AS/CA S008
  - AS/NZS IEC 60332.1
  - IEC 60332-3-24

### Applications Support:

- **10GBASE-L (1310 nm)** 8,000 m
- **10GBASE-E (1550 nm)** 30,000 m
- **10G Fiber Channel (WDM -1310 nm)** 10,000 m
- **1000BASE-LX (1300 nm)** 6,000 m
- **FDDI (1380 nm)** 2,000 m
- **100BASE-FX (1300 nm)** 2,000 m

### Standards Compliance:

- ISO/IEC 11801:2002 OM3
- ANSI/TIA-568.3-D
- ANSI/TIA-598-D
- ANSI/TIA-492 AAAD
- ACMA-AS/CA S008
- AS/NZS IEC 60332.1
- IEC 60332-3-24

### Applications Support:

- **10GBASE-S (850 nm)** 550 m
- **10GBASE-LX4 (1300 nm)** 300 m
- **1000BASE-S (850 nm)** 1000 m
- **1000BASE-LX (1300 nm)** 600 m
- **Fiber Channel 266 (1300 nm)** 1,500 m
- **ATM 622 (1300 nm)** 500 m
- **ATM 155 (1300 nm)** 2,000 m
- **ATM 52 (1300 nm)** 2,000 m
- **FDDI (1380 nm)** 2,000 m
- **100BASE-FX (1300 nm)** 2,000 m

### Standards Compliance:

- ISO/IEC 11801:2002 OM3
- ANSI/TIA-568.3-D
- ANSI/TIA-598-D
- ANSI/TIA-492 AAAD
- ACMA-AS/CA S008
- AS/NZS IEC 60332.1
- IEC 60332-3-24
XGLO® Indoor/Outdoor Tight Buffer - Australia

Minimum Performance Parameters for XGLO 50/125μm Multimode Fiber

<table>
<thead>
<tr>
<th>Fiber Type</th>
<th>Wavelength (nm)</th>
<th>Maximum Attenuation (dB/km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Singlemode (OS1/OS2)</td>
<td>1310</td>
<td>0.40</td>
</tr>
<tr>
<td></td>
<td>1550</td>
<td>0.30</td>
</tr>
</tbody>
</table>

Minimum Performance Parameters for XGLO Singlemode Fiber

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XGLO and LightSystem Indoor/Outdoor Tight Buffer (International) Physical Specifications

PHYSICAL SPECIFICATIONS (All Values Are Nominal)

<table>
<thead>
<tr>
<th>Fiber Count</th>
<th>Nominal Cable Diameter (mm)</th>
<th>Maximum Pulling Tension (Newton)</th>
<th>Nominal Net Weight (kg/km)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>4.8</td>
<td>600</td>
<td>22</td>
</tr>
<tr>
<td>12</td>
<td>6.2</td>
<td>600</td>
<td>33</td>
</tr>
<tr>
<td>24</td>
<td>8.8</td>
<td>600</td>
<td>61</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fiber Count</th>
<th>Maximum Crush Resistance (N/mm)</th>
<th>Operation Temperature °C (°F)</th>
<th>Installation Temperature °C (°F)</th>
<th>Storage Temperature °C</th>
<th>Minimum Bend Radius</th>
</tr>
</thead>
<tbody>
<tr>
<td>6, 12, 24</td>
<td>5</td>
<td>-0 to +70 (32 to +158)</td>
<td>0 to +50 (32 to +122)</td>
<td>-10 to +60 (-14 to +140)</td>
<td>20 x DIA. 10 x DIA.</td>
</tr>
</tbody>
</table>

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