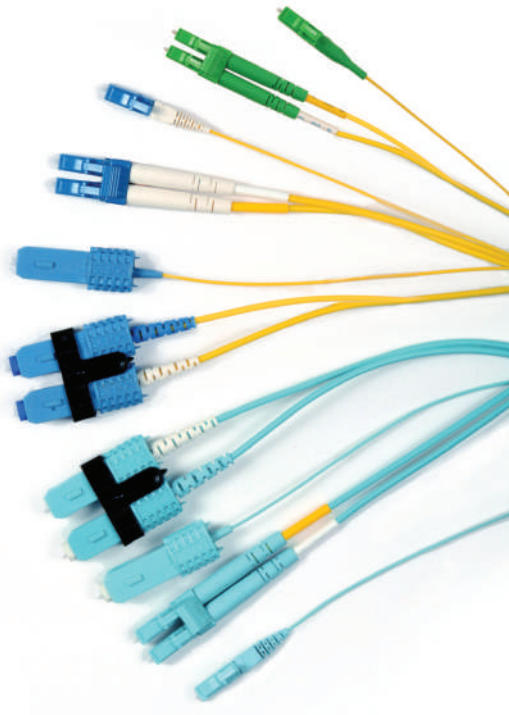


## XGLO® and LightSystem® Jumpers & Pigtails

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-492AAD (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

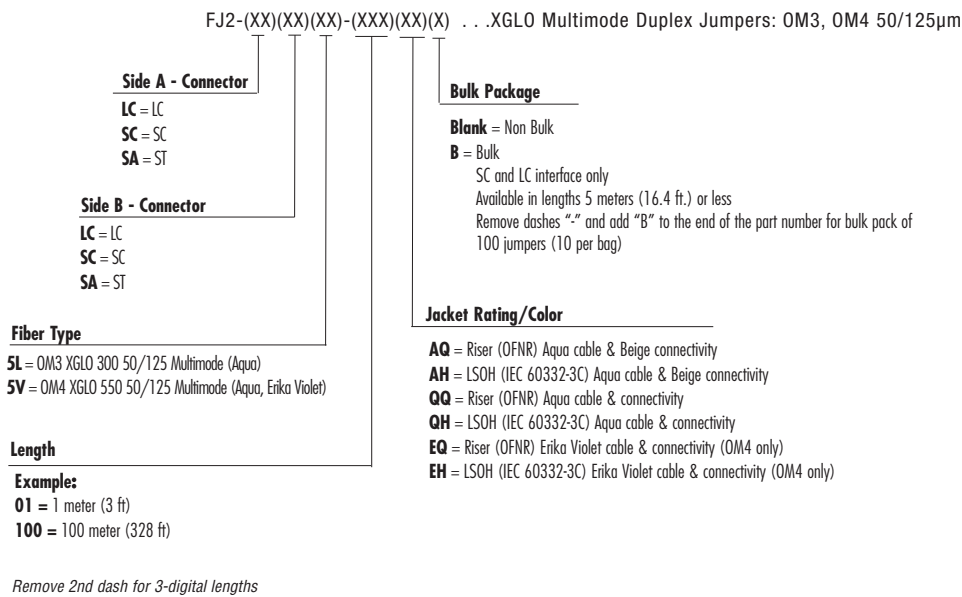
- 12 pack SC
- 12/24 pack LC
- TIA colour code pack 1 -12 colours

### PERFORMANCE SPECIFICATIONS

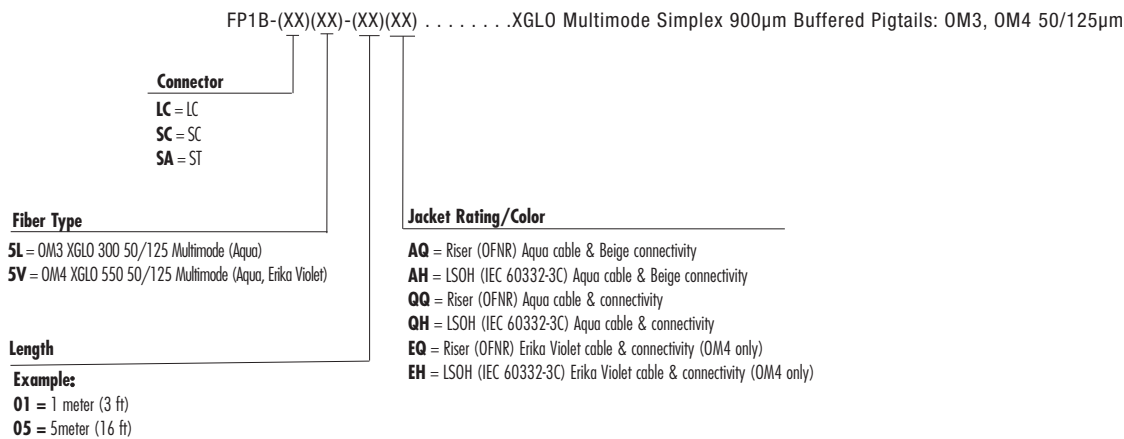
|                                      | OM1 - 62.5/125µm Multimode |      |  | OM3 50/125µm Multimode |           |            | OM4 50/125µm Multimode |           |            | OS1/OS2 Singlemode (UPC) | OS1/OS2 Singlemode (APC) |
|--------------------------------------|----------------------------|------|--|------------------------|-----------|------------|-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

\* Laser bandwidth

# XGLO® Multimode OM3 and OM4 Duplex Jumpers



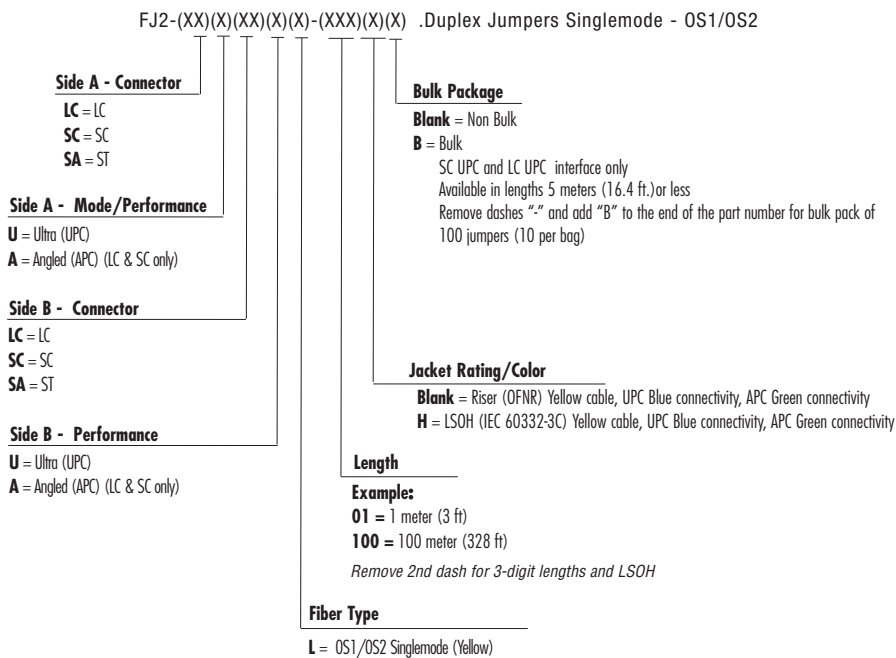
# XGLO® Multimode OM3 and OM4 900µm Buffered Simplex Pigtails



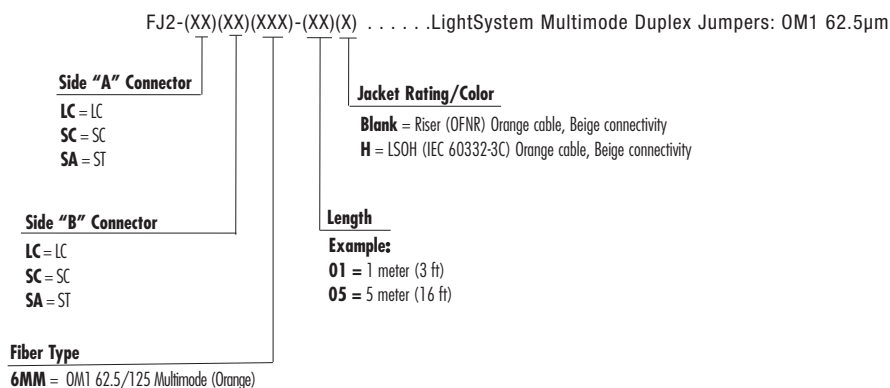
Custom lengths and jacket colours are available upon request. Contact our Customer Service Department for more information.  
Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.  
XGLO® and LightSystem® are trademarks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



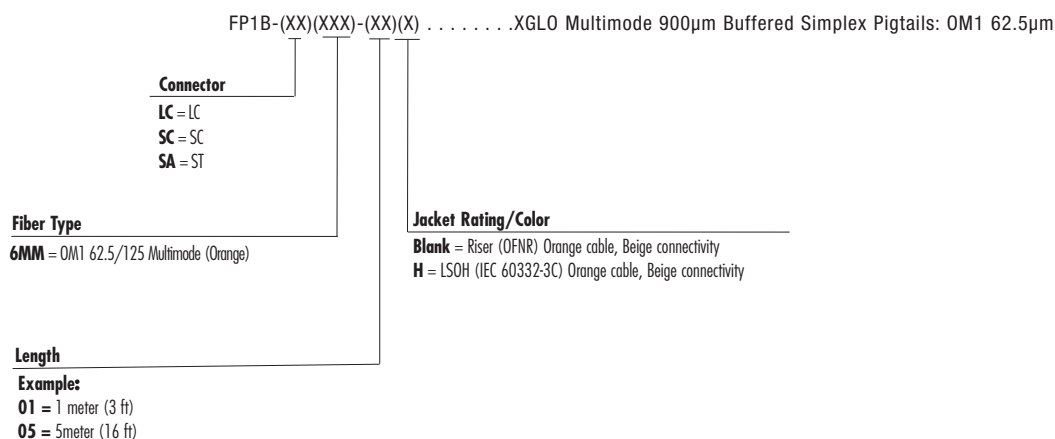
# XGLO® Singlemode OS1/OS2 Duplex Jumpers



## LightSystem 62.5 μm Multimode OM1 Duplex Jumpers



## LightSystem 62.5 μm Multimode OM1 900μm Buffered Simplex Pigtails



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



FPB(XXX)(XX)(XX)(XX)(X) . . . .XGLO Bulk Fiber Pigtails

**Pack Quantity**

**12** = 12 Pigtails  
**24** = 24 Pigtails (LC only)

**Jacket color:**

Aqua OM3/OM4, Erika Violet OM4, Yellow OS1/OS2

**T12** = 12 Pigtails TIA color code

**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**

**5L** = OM3 XGLO 300 50/125 Multimode  
**5V** = 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  
**H** = 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)

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