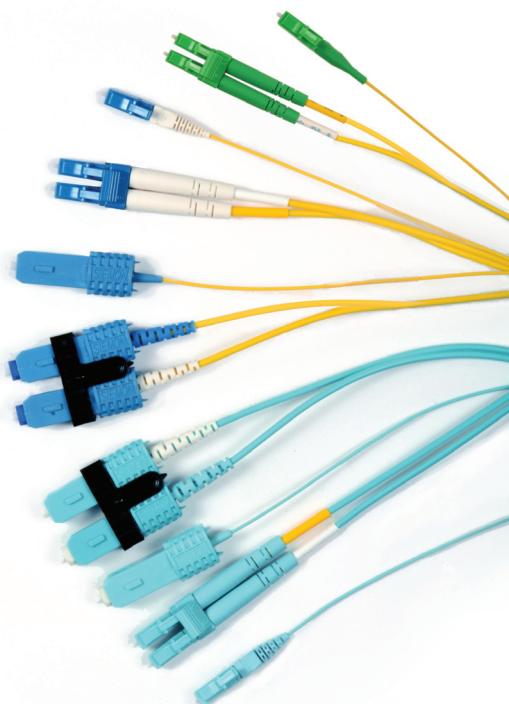


XGLO® and LightSystem® Jumpers & Pigtails

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

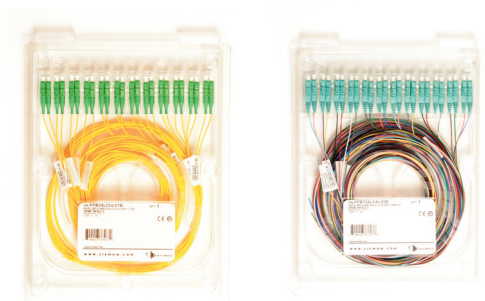
Polarity Correction – SC and LC duplex clip allows for polarity correction

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)
Wavelength (nm)	850	1300		850	1300	850*	850	1300	850*	1310/1550nm	1310/1550nm
Min. Cable Bandwidth (MHz*km)	200	500		1500 (OFL)	500 (OFL)	2000 (EMB)	3500 (OFL)	500 (OFL)	4700 (EMB)	N/A	N/A
Max. Insertion Loss (dB)	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)
Min. Return Loss (dB)	25 (30 Typical)			30 (35 Typical)			30 (35 Typical)			55 (60 Typical)	65 (70 Typical)

* Laser bandwidth

XGLO® Multimode OM3 and OM4 Duplex Jumpers

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

Side A - Connector

LC = LC
SC = SC
SA = ST

Side B - Connector

LC = LC
SC = SC
SA = ST

Fiber Type

5L = OM3 XGLO 300 50/125 Multimode (Aqua)
5V = OM4 XGLO 550 50/125 Multimode (Aqua, Erika Violet)

Length

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

Remove 2nd dash for 3-digital lengths

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 = LSOH (IEC 60332-3C) Aqua cable & Beige connectivity
QQ = Riser (OFNR) Aqua cable & connectivity
QH = LSOH (IEC 60332-3C) Aqua cable & connectivity
EQ = Riser (OFNR) Erika Violet cable & connectivity (OM4 only)
EH = LSOH (IEC 60332-3C) Erika Violet cable & connectivity (OM4 only)

Insertion Cycle	Greater than 750 times
Breaking resistance	Typical 500N
Tensile resistance	Greater than 150N
Operating Temperature	-15 to 70°C

XGLO® Multimode OM3 and OM4 900µm Buffered Simplex Pigtails

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

Connector

LC = LC
SC = SC
SA = ST

Fiber Type

5L = OM3 XGLO 300 50/125 Multimode (Aqua)
5V = OM4 XGLO 550 50/125 Multimode (Aqua, Erika Violet)

Length

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

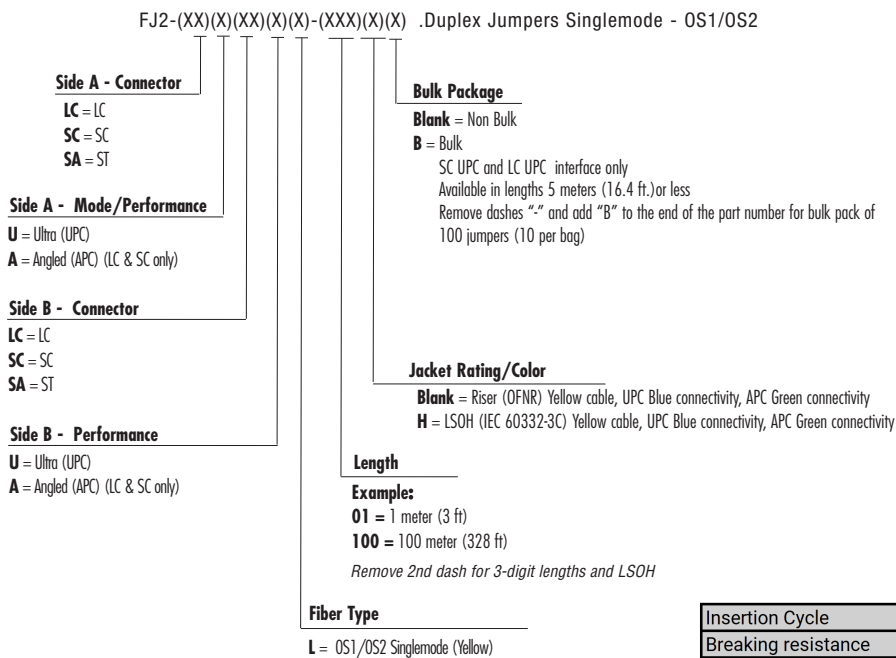
Jacket Rating/Color

AQ = Riser (OFNR) Aqua cable & Beige connectivity
AH = LSOH (IEC 60332-3C) Aqua cable & Beige connectivity
QQ = Riser (OFNR) Aqua cable & connectivity
QH = LSOH (IEC 60332-3C) Aqua cable & connectivity
EQ = Riser (OFNR) Erika Violet cable & connectivity (OM4 only)
EH = LSOH (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.
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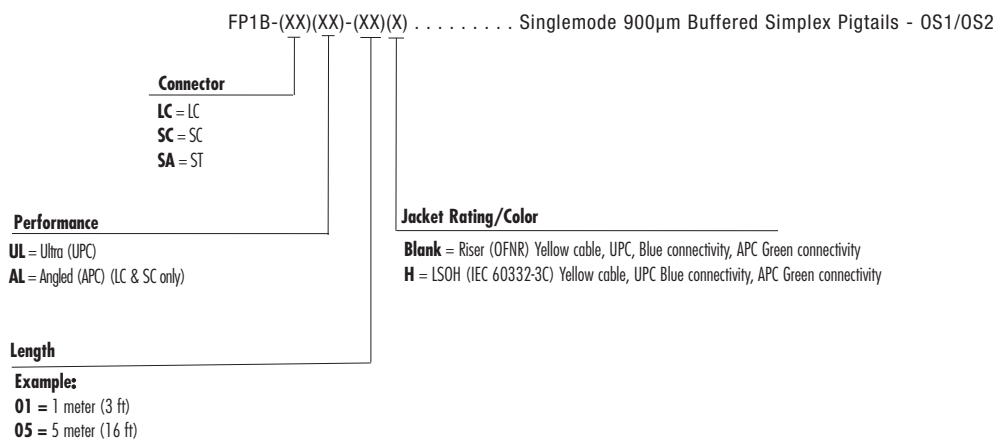


XGLO® Singlemode OS1/OS2 Duplex Jumpers



Insertion Cycle	Greater than 750 times
Breaking resistance	Typical 500N
Tensile resistance	Greater than 150N
Operating Temperature	-15 to 70°C

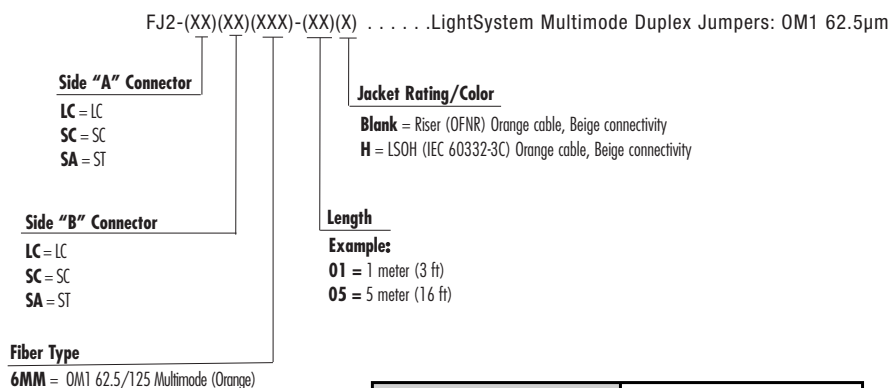
XGLO® Singlemode OS1/OS2 900µm Buffered Simplex Pigtails



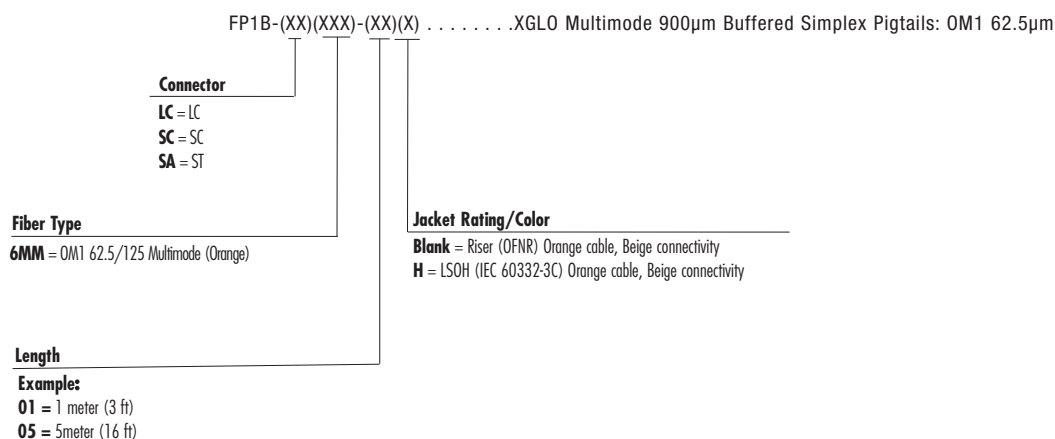
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LightSystem 62.5 μm Multimode OM1 Duplex Jumpers



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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XGLO[®] and LightSystem[®] Jumpers & Pigtails

Siemon Jumpers and Pigtails comply with the latest ISO, TIA and regional standards in each country where we are present, such as ISO 11801, TIA 568.3-E and NBR. The fibers are available in OM1, OM2, OM3, OM4 and OM5, as well as OS1 and OS2 complying with ITU-T G 652B and G652D, they can be available in 0.9mm or 2.0mm (zipcord) and for SC, ST connectors, FC and LC. Pigtails with MTP/MPO connectors can optionally be supplied. Pigtails can be supplied in sizes from 1.0m. Consult our experts for sizes above 30m.

All of our Siemon products comply with RoHS Directives and we are proud to obtain the gold seal for ESG throughout our manufacturing plant.

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