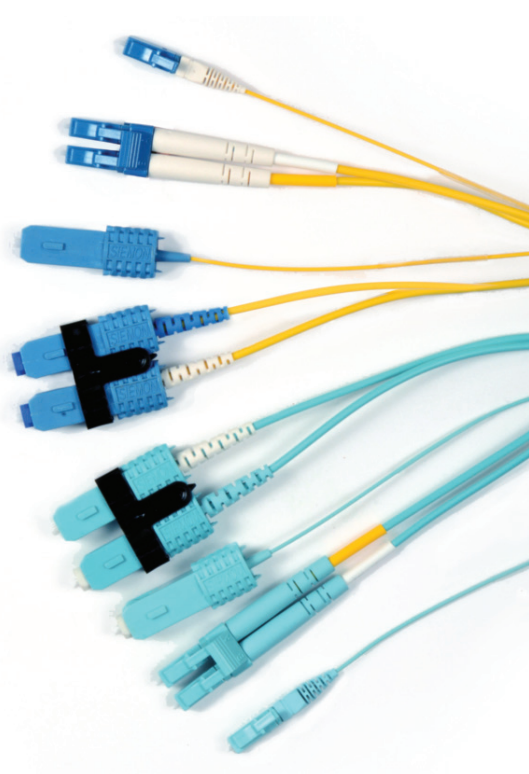


XGLO® and LightSystem® Jumper & Pigtails

XGLO fiber optic cable assemblies are ideal for supporting 10 Gigabit fiber applications over extended distances and next-generation backbones. XGLO cable assemblies feature premium fiber that meets the IEEE 802.3 10 Gigabit Ethernet Standard as well as IEC-60793-2-10 and TIA-492AAAC (OM3), TIA-492AAD (OM4) specifications for laser bandwidth Differential Mode Delay (DMD). 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.

These precision cable assemblies are warranted for 20 years and ensure optimum applications support for 10 Gigabit Ethernet serial transmission when installed in a qualified Siemon XGLO or LightSystem. 100% inspection ensures superior performance and quality.



RoHS Compliant

Optimized Bandwidth – XGLO Laser bandwidth optimized cable reduces impurities in the core of fiber, ensuring robust 10 gigabit Ethernet transmission

Available Assemblies – 62.5µm, 50/125µm multimode and singlemode assemblies available

SC Polarity Correction – SC duplexing 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

LC Polarity Correction – LC duplex clip allows for polarity correction

PERFORMANCE SPECIFICATIONS

	OM1 - 62.5/125µm Multimode		OM3 50/125µm Multimode			OM4 50/125µm Multimode			OS1/OS2 Singlemode
Wavelength (nm)	850	1300	850	1300	850*	850	1300	850*	1310/1550nm
Min. Cable Bandwidth (MHz*km)	200	500	1500 (OFL)	500 (OFL)	2000 (EMB)	3500 (OFL)	500 (OFL)	4700 (EMB)	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)
Min. Return Loss (dB)	25 (30 Typical)		30 (35 Typical)			30 (35 Typical)			55 (60 Typical)

*Laser Bandwidth

OFNR

XGLO 300 50/125µm Multimode OM3 (Aqua Cable Jacket)

Duplex Jumpers:

FJ2-SCSC5L-(XX)(Y)Q	.....SC to SC duplex jumper
FJ2-LCLC5L-(XX)(Y)Q	.....LC to LC duplex jumper
FJ2-LCSC5L-(XX)(Y)Q	.....LC to SC duplex jumper
FJ2-SASA5L-(XX)AQ	.....ST to ST duplex jumper
FJ2-SASC5L-(XX)AQ	.....ST to SC duplex jumper
FJ2-LCSA5L-(XX)AQ	.....LC to ST duplex jumper

Simplex Pigtails - 900 micron buffered:

FP1B-SC5L-(XX)(Y)Q	.....SC simplex pigtail
FP1B-LC5L-(XX)(Y)Q	.....LC simplex pigtail
FP1B-SA5L-(XX)AQ	.....ST simplex pigtail

Use (XX) to specify length: 01 = 1m (3.3 ft.), 02 = 2m (6.56 ft.), 03 = 3m (9.8 ft.), 05 = 5m (16.4 ft.)
Use (Y) to specify connectivity color: A = Beige, Q = Aqua

XGLO 550 50/125µm Multimode OM4 (Aqua Cable Jacket)

Duplex Jumpers:

FJ2-SCSC5V-(XX)(Y)Q	.....SC to SC duplex jumper
FJ2-LCLC5V-(XX)(Y)Q	.....LC to LC duplex jumper
FJ2-LCSC5V-(XX)(Y)Q	.....LC to SC duplex jumper

Simplex Pigtails - 900 micron buffered:

FP1B-SC5V-(XX)(Y)Q	.....SC simplex pigtail
FP1B-LC5V-(XX)(Y)Q	.....LC simplex pigtail

Use (XX) to specify length: 01 = 1m (3.3 ft.), 02 = 2m (6.56 ft.), 03 = 3m (9.8 ft.), 05 = 5m (16.4 ft.)
Use (Y) to specify connectivity color: A = Beige, Q = Aqua

XGLO Singlemode OS1/OS2 (UPC) (Yellow Cable Jacket)

Duplex Jumpers:

FJ2-SCUSCUL-(XX)	.....SC to SC duplex jumper
FJ2-LCULCUL-(XX)	.....LC to LC duplex jumper
FJ2-LCUSCUL-(XX)	.....LC to SC duplex jumper
FJ2-SAUSAUL-(XX)	.....ST to ST duplex jumper
FJ2-LCUSAUL-(XX)	.....LC to ST duplex jumper
FJ2-SAUSCUL-(XX)	.....ST to SC duplex jumper

Simplex Pigtails - 900 micron buffered:

FP1B-SCUL-(XX)	.....SC simplex pigtail
FP1B-LCUL-(XX)	.....LC simplex pigtail
FP1B-SAUL-(XX)	.....ST simplex pigtail

Use (XX) to specify length: 01 = 1m (3.3 ft.), 02 = 2m (6.56 ft.), 03 = 3m (9.8 ft.), 05 = 5m (16.4 ft.)

LightSystem 62.5 µm Multimode OM1 (Orange Cable Jacket)

Duplex Jumpers:

FJ2-SCSC6MM-(XX)	.....SC to SC duplex jumper
FJ2-SASA6MM-(XX)	.....ST to ST duplex jumper
FJ2-SASC6MM-(XX)	.....ST to SC duplex jumper
FJ2-LCLC6MM-(XX)	.....LC to LC duplex jumper
FJ2-LCSC6MM-(XX)	.....LC to SC duplex jumper
FJ2-LCSA6MM-(XX)	.....LC to ST duplex jumper

Simplex Pigtails:

FP1B-SC6MM-(XX)	.....SC simplex pigtail
FP1B-SA6MM-(XX)	.....ST simplex pigtail
FP1B-LC6MM-(XX)	.....LC simplex pigtail

Use (XX) to specify length: 01 = 1m (3.3 ft.), 02 = 2m (6.56 ft.), 03 = 3m (9.8 ft.), 05 = 5m (16.4 ft.)

Bulk Pack Option:

SC and LC interface only.

Available in lengths 5 meters or less.

Multimode OM3, OM4 and Singlemode OS1/OS2 only.

Remove dashes "-" and add "B" to the end of the part number for bulk pack of 100 jumpers (10 per bag)

Custom lengths and jacket colors 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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LSOH (IEC 60332-3C)

XGLO 300 50/125µm Multimode OM3 (Aqua Cable Jacket)

Duplex Jumpers:

FJ2-SCSC5L-(XX)(Y)H	.....SC to SC duplex jumper
FJ2-LCLC5L-(XX)(Y)H	.....LC to LC duplex jumper
FJ2-LCSC5L-(XX)(Y)H	.....LC to SC duplex jumper
FJ2-SASA5L-(XX)AH	.....ST to ST duplex jumper
FJ2-SASC5L-(XX)AH	.....ST to SC duplex jumper
FJ2-LCSA5L-(XX)AH	.....LC to ST duplex jumper

Simplex Pigtails - 900 micron buffered:

FP1B-SC5L-(XX)(Y)H	.....SC simplex pigtail
FP1B-LC5L-(XX)(Y)H	.....LC simplex pigtail
FP1B-SA5L-(XX)AH	.....ST simplex pigtail

Use (XX) to specify length: 01 = 1m (3.3 ft.), 02 = 2m (6.56 ft.), 03 = 3m (9.8 ft.), 05 = 5m (16.4 ft.)
Use (Y) to specify connectivity color: A = Beige, Q = Aqua

XGLO 550 50/125µm Multimode OM4 (Aqua Cable Jacket)

Duplex Jumpers:

FJ2-SCSC5V-(XX)(Y)H	.....SC to SC duplex jumper
FJ2-LCLC5V-(XX)(Y)H	.....LC to LC duplex jumper
FJ2-LCSC5V-(XX)(Y)H	.....LC to SC duplex jumper

Simplex Pigtails - 900 micron buffered:

FP1B-SC5V-(XX)(Y)H	.....SC simplex pigtail
FP1B-LC5V-(XX)(Y)H	.....LC simplex pigtail

Use (XX) to specify length: 01 = 1m (3.3 ft.), 02 = 2m (6.56 ft.), 03 = 3m (9.8 ft.), 05 = 5m (16.4 ft.)
Use (Y) to specify connectivity color: A = Beige, Q = Aqua

XGLO Singlemode OS1/OS2 (UPC) (Yellow Cable Jacket)

Duplex Jumpers:

FJ2-SCUSCUL-(XX)H	.....SC to SC duplex jumper
FJ2-LCULCUL-(XX)H	.....LC to LC duplex jumper
FJ2-LCUSCUL-(XX)H	.....LC to SC duplex jumper
FJ2-SAUSAUL-(XX)H	.....ST to ST duplex jumper
FJ2-LCUSAUL-(XX)H	.....LC to ST duplex jumper
FJ2-SAUSCUL-(XX)H	.....ST to SC duplex jumper

Simplex Pigtails - 900 micron buffered:

FP1B-SCUL-(XX)H	.....SC simplex pigtail
FP1B-LCUL-(XX)H	.....LC simplex pigtail
FP1B-SAUL-(XX)H	.....ST simplex pigtail

Use (XX) to specify length: 01 = 1m (3.3 ft.), 02 = 2m (6.56 ft.), 03 = 3m (9.8 ft.), 05 = 5m (16.4 ft.)

LightSystem 62.5 µm Multimode OM1 (Orange Cable Jacket)

Duplex Jumpers:

FJ2-SCSC6MM-(XX)H	.....SC to SC duplex jumper
FJ2-SASA6MM-(XX)H	.....ST to ST duplex jumper
FJ2-SASC6MM-(XX)H	.....ST to SC duplex jumper
FJ2-LCLC6MM-(XX)H	.....LC to LC duplex jumper
FJ2-LCSC6MM-(XX)H	.....LC to SC duplex jumper
FJ2-LCSA6MM-(XX)H	.....LC to ST duplex jumper

Simplex Pigtails:

FP1B-SC6MM-(XX)H	.....SC simplex pigtail
FP1B-SA6MM-(XX)H	.....ST simplex pigtail
FP1B-LC6MM-(XX)H	.....LC simplex pigtail

Use (XX) to specify length: 01 = 1m (3.3 ft.), 02 = 2m (6.56 ft.), 03 = 3m (9.8 ft.), 05 = 5m (16.4 ft.)