

XGLO[®] Jumper & Pigtails

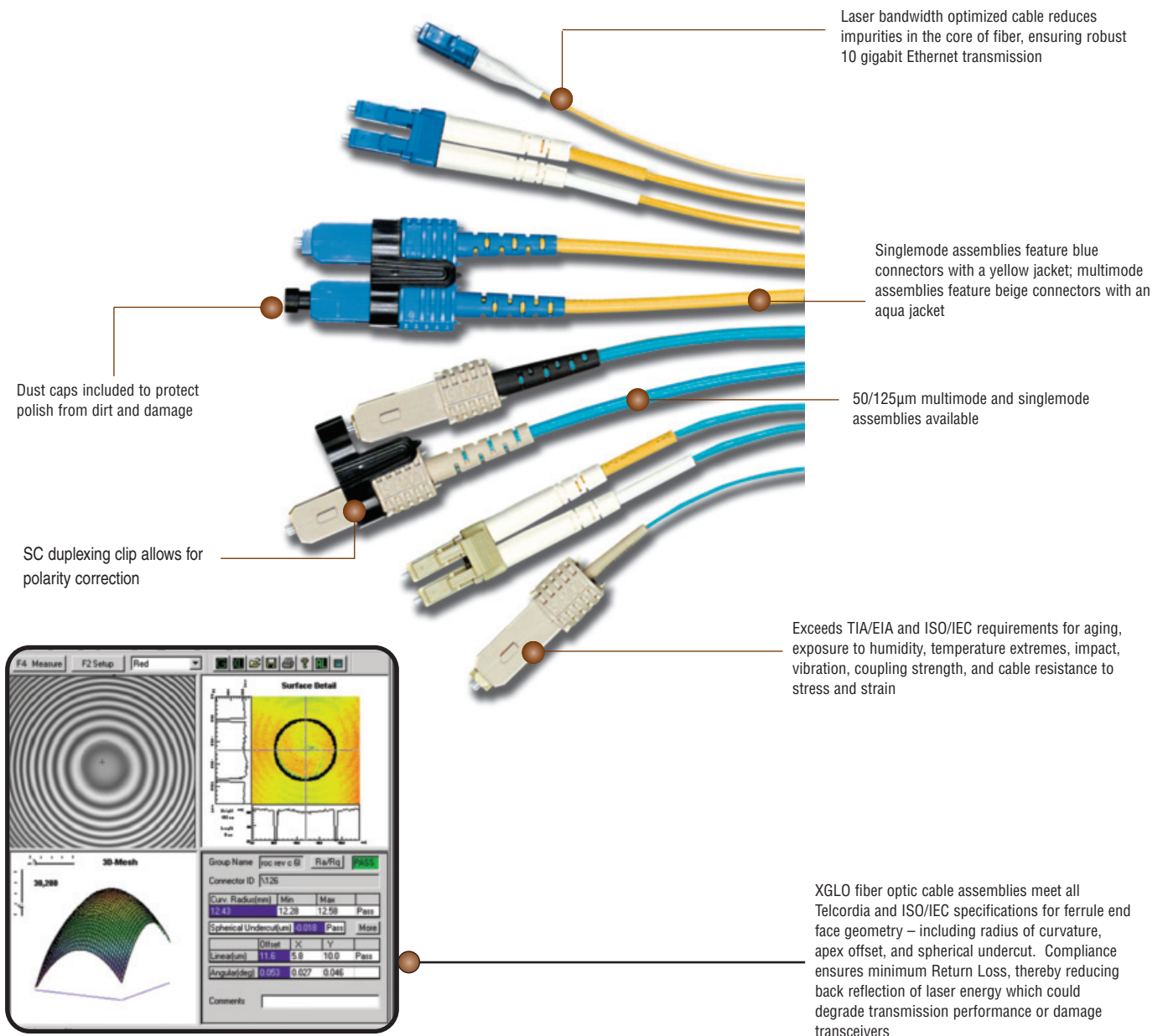
XGLO fiber optic cable assemblies are ideal for supporting 10 Gigabit fiber applications over extended distances and next-generation backbones. XGLO cable assemblies feature premium fiber that meets IEEE 802.3 10 Gigabit Ethernet Standard as well as IEC-60793-2-10 and TIA-492AAAC (OM3), TIA-492AAAD (OM4)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

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 XGLO system. 100% inspection ensures superior performance and quality.

**Supports
10 Gigabit
Ethernet**



RoHS Compliant



Product Information

PERFORMANCE SPECIFICATIONS

	50/125µm Multimode (OM3)			50/125µm Multimode (OM4)			Singlemode (OS2)
Wavelength (nm)	850	1300	850*	850	1300	850*	1310/1550nm
Min. Cable Bandwidth (MHz.km)	1500 (OFL)	500 (OFL)	2000 (EMB)	3500 (OFL)	500 (OFL)	4700 (EMB)	N/A
Max. Insertion Loss (dB)	0.25 (0.10 Typical)			0.25 (0.10 Typical)			0.40 (0.10 Typical)
Min. Return Loss (dB)	30 (35 Typical)			30 (35 Typical)			55 (60 Typical)

*Laser Bandwidth

Ordering Information

OFNR

XGLO 300 50/125µm Multimode OM3 Duplex Jumpers:

FJ2-SCSC5L-(XX)AQSC to SC aqua duplex jumper
FJ2-LCLC5L-(XX)AQLC to LC aqua duplex jumper
 FJ2-LCSC5L-(XX)AQLC to SC aqua duplex jumper
 FJ2-SASA5L-(XX)AQST to ST aqua duplex jumper
 FJ2-SASC5L-(XX)AQST to SC aqua duplex jumper
 FJ2-LCSA5L-(XX)AQLC to ST aqua duplex jumper

Simplex Pigtailed - 900 micron buffered

FP1B-SC5L-(XX)AQSC simplex pigtail, aqua
 FP1B-LC5L-(XX)AQLC simplex pigtail, aqua
 FP1B-SA5L-(XX)AQST simplex pigtail, aqua

XGLO 550 50/125µm Multimode, OM4 Duplex Jumpers:

FJ2-SCSC5V-(XX)AQSC to SC aqua duplex jumper
 FJ2-LCLC5V-(XX)AQLC to LC aqua duplex jumper
 FJ2-LCSC5V-(XX)AQLC-SC aqua duplex jumper

Simplex Pigtailed - 900 micron buffered

FP1B-SC5V-(XX)AQSC simplex pigtail, aqua
 FP1B-LC5V-(XX)AQLC simplex pigtail, aqua

XGLO Singlemode OS2 (UPC) Duplex Jumpers:

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

Simplex Pigtailed - 900 micron buffered

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

Use (XX) to specify length:

O1=1m (3.3 ft.), O2 = 2m, O3 = 3m (9.8 ft.),

O5 = 5m (16.4 ft.)

Bulk Pack Option:

SC and LC interface only.

Available in lengths 5 meters or less.

Multimode OM3, OM4 and Singlemode OS2 only.

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

LSOH (IEC 60332-3C)

XGLO 300 50/125µm Multimode OM3 Duplex Jumpers:

FJ2-SCSC5L-(XX)AHSC to SC aqua duplex jumper
 FJ2-LCLC5L-(XX)AHLC to LC aqua duplex jumper
 FJ2-LCSC5L-(XX)AHLC to SC aqua duplex jumper
 FJ2-SASA5L-(XX)AHST to ST aqua duplex jumper
 FJ2-SASC5L-(XX)AHST to SC aqua duplex jumper
 FJ2-LCSA5L-(XX)AHLC to ST aqua duplex jumper

Simplex Pigtailed - 900 micron buffered

FP1B-SC5L-(XX)AHSC simplex pigtail, aqua
 FP1B-LC5L-(XX)AHLC simplex pigtail, aqua
 FP1B-SA5L-(XX)AHST simplex pigtail, aqua

XGLO 550 50/125µm Multimode, OM4 Duplex Jumpers:

FJ2-SCSC5V-(XX)AHSC to SC aqua duplex jumper
 FJ2-LCLC5V-(XX)AHLC to LC aqua duplex jumper
 FJ2-LCSC5V-(XX)AHLC-SC aqua duplex jumper

Simplex Pigtailed: 900 micron buffered

FP1B-SC5V-(XX)AHSC simplex pigtail, aqua
 FP1B-LC5V-(XX)AHLC simplex pigtail, aqua

XGLO Singlemode OS2 (UPC) Duplex Jumpers:

FJ2-SCUSCUL-(XX)HSC to SC yellow duplex jumper
 FJ2-LCULCUL-(XX)HLC to LC yellow duplex jumper
 FJ2-LCUSCUL-(XX)HLC to SC yellow duplex jumper
 FJ2-SAUSAUL-(XX)HST to ST yellow duplex jumper
 FJ2-LCUSAUL-(XX)HLC to ST yellow duplex jumper
 FJ2-SAUSCUL-(XX)HST to SC yellow duplex jumper

Simplex Pigtailed - 900 micron buffered

FP1B-SCUL-(XX)HSC simplex pigtail, yellow
 FP1B-LCUL-(XX)HLC simplex pigtail, yellow
 FP1B-SAUL-(XX)HST simplex pigtail, yellow

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™ is a trademark of Siemon

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