

XGLO[®] Jumper & Pigtails

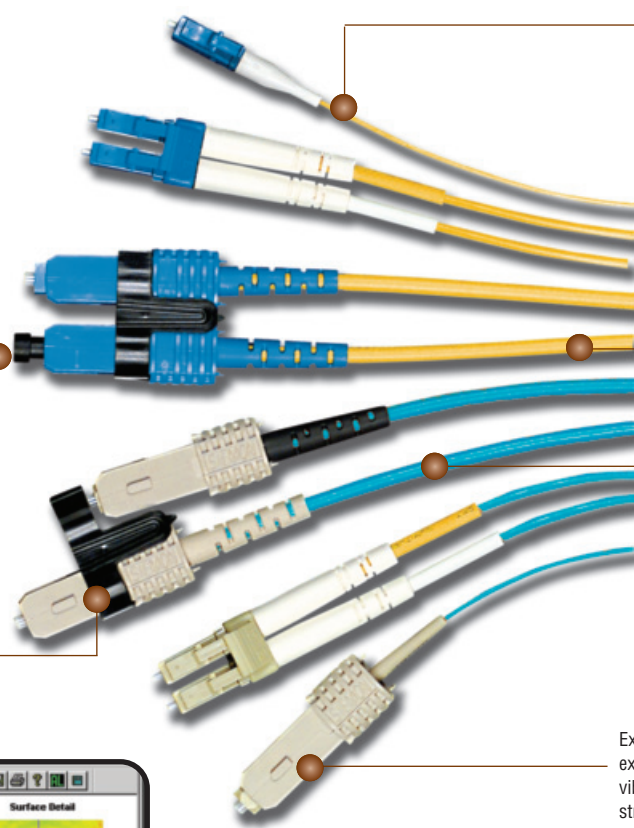
XGLO fiber optic cable assemblies are ideal for supporting 10 Gigabit fiber applications over extended distances and next-generation backbones. XGLO cable assemblies feature premium fiber that meets IEEE 802.3 10 Gigabit Ethernet Standard as well as IEC-60793-2-10 and TIA-492AAAC (OM3), TIA-492AAD (OM4)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



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

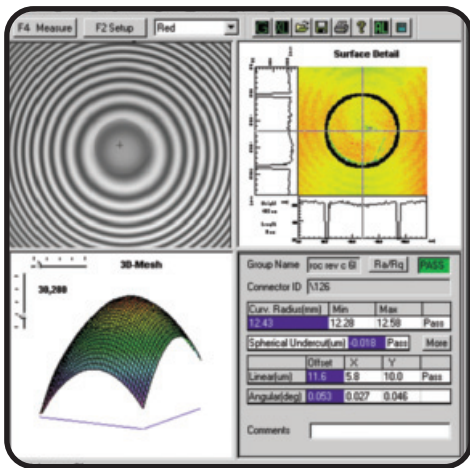
Singlemode assemblies feature blue connectors with a yellow jacket; multimode assemblies feature beige connectors with an aqua jacket

50/125µm multimode and singlemode assemblies available

Dust caps included to protect polish from dirt and damage

SC duplexing clip allows for polarity correction

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



XGLO fiber optic cable assemblies meet all Telcordia and ISO/IEC specifications for ferrule end face geometry – including radius of curvature, apex offset, and spherical undercut. Compliance ensures minimum Return Loss, thereby reducing back reflection of laser energy which could degrade transmission performance or damage transceivers

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 Pigtails - 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 Pigtails - 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 Pigtails - 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:

01=1m (3.3 ft.), 02 = 2m, 03 = 3m (9.8 ft),
 05 = 5m (16.4 ft.)

The Americas

Watertown, CT USA
 Phone (1) 860 945 4200 US
 Phone (1) 888 425 6165 Canada

Europe/Middle East/Africa

Chertsey, England
 Phone (44) 0 1932 571771

Asia/Pacific

Shanghai, P.R. China
 Phone (86) 21 6390 6778

Central & South America

Bogota, Columbia
 Phone (571) 317 2121

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 Pigtails - 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 Pigtails: 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 Pigtails - 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