

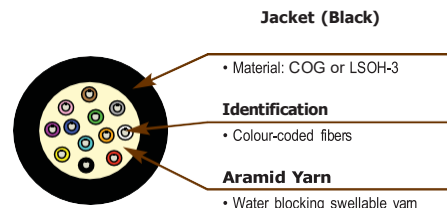
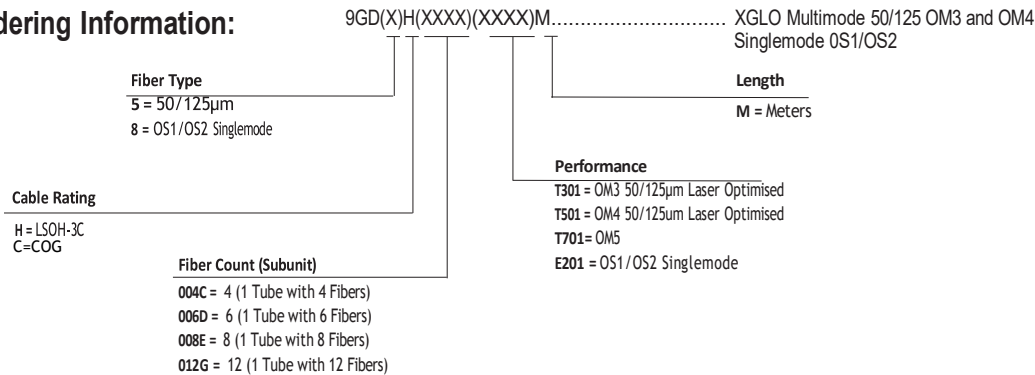
Optical Cable - EO

ABNT-NBR and ANATEL

EO - BLI

Siemon Standard or LSOH/LSZH (IEC 60332-3) indoor/outdoor tight buffer fiber cables are ideal for data centres, campus and building backbones. Siemon fiber optic cables are offered in XGLO and LightSystem configurations supporting high-speed applications such as Gigabit Ethernet, 10 Gigabit Ethernet and Fiber Channel. Siemon indoor/outdoor water blocking and resistance to Ultraviolet rays is primarily for duct applications for moisture and temporary water migration protection.

Ordering Information:



4 - 12 Strands

Brazilian Standards

STANDARDS COMPLIANCE

- ABNT 14772, 9140
- CFOT-EO (SM or MM)
- BLI
- Limite 12 FO
- Consulte o departamento comercial para outras disponibilidades

XGLO 300 Multimode 50/125, OM3

STANDARDS COMPLIANCE

- ISO/IEC 11801:2002 OM3
- ANSI/TIA-568.3-D
- ANSI/TIA-598-D
- ANSI/TIA-492 AAAC
- IEC 60793-2-10 Fiber Type A1a.2
- Telcordia GR-409-CORE
- IEC 60332-3
- IEC 60332-1-2 (Single strand)
- IEC 60754-2 (Acid gas)
- IEC 61034-2 (Smoke density)

XGLO 550 Multimode 50/125, OM4/OM5

STANDARDS COMPLIANCE

- ISO/IEC 11801:2002 OM3
- ISO/IEC 11801:2002 Amendment 2 OM4
- ANSI/TIA-568.3-D
- ANSI/TIA-598-D
- ANSI/TIA-492 AAAD
- IEC 60793-2-10 Fiber Type A1a.3
- Telcordia GR-409-CORE
- IEC 60332-3
- IEC 60332-1-2 (Single strand)
- IEC 60754-2 (Acid gas)
- IEC 61034-2 (Smoke density)

XGLO Singlemode, OS1/OS2

STANDARDS COMPLIANCE

- ISO/IEC 11801:Ed 2.0 Amendment:1:2008
- ANSI/TIA-568.3-D
- ANSI/TIA-598-D
- ANSI/TIA-492 CAAB
- Telcordia GR-409-CORE
- ITU-T G.652 C/D
- LSOH IEC 60332-3
- IEC 60332-1-2 (Single strand)
- IEC 60754-2 (Acid gas)
- IEC 61034-2 (Smoke density)

Fiber Count	Nominal Cable Diameter mm	Maximum Pulling Tension Newtons		Nominal Net Weight kg/km
		Installation	Long Term	
4	5.3	1500	495	24
6	5.7	1500	495	26
8	6.8	1500	495	31
12	7.4	1500	495	37

Indoor/Outdoor Tight Buffer - Brasil

XGLO Gigabit Ethernet Fiber Optic Cable

Minimum Performance Parameters for XGLO 50/125µm Multimode Fiber

Fiber Type	Guaranteed Gigabit Transmission Distance (m)		Guaranteed 10 Gigabit Transmission Distance (m)		Minimum Bandwidth (MHz•km)		Maximum Attenuation (dB/km)	
	850 nm	1300 nm	850 nm'	1300 nm''	850 nm	1300 nm	850 nm	1300 nm
50/125 (OM3)	1000	600	300	300	RML - 2000 OFL - 1500	OFL - 500	3.5	1.5
50/125 (OM4/OM5)	1100	600	550	300	RML - 4700 OFL - 3500	OFL - 500	3.5	1.5

† 10GBASE-S †† 10GBASE-LX4

Minimum Performance Parameters for XGLO Singlemode Fiber

Fiber Type	Wavelength (nm)	Maximum Attenuation (dB/km)-G652B
Singlemode (OS1/OS2)-	1310	0.50
	1550	0.30

Fiber Type	Wavelength (nm)	Maximum Attenuation (dB/km)-G657D
Singlemode (OS1/OS2)	1310	0.40
	1550	0.25

Minimum Curvature Radius	10 OD In operation and 15x OD at installation
Tensile Strength	1x Cable weight per Km
Operation Temperature	-20 to 70°C

Indoor/Outdoor Tight Buffer (Brasil) Physical Specifications

PHYSICAL SPECIFICATIONS (All Values Are Nominal)

Fiber Count	Maximum Crush Resistance (N/mm)	Operation Temperature °C (°F)	Installation Temperature °C (°F)	Storage Temperature °C	Minimum Bend Radius	
					Installation	Long Term
4-12	5	-40 to 70 (-40 to 158)	-10 to 60 (-14 to 140)	-40 to 70 (-40 to 158)	20 x DIA.	10 x DIA.

Custom lengths and jacket colours are available upon request. Contact our Customer Service Department for more information.

Modelo ABNT
CFOT-XX-EO-YY-ZZ
CFOT - Cabo Fibra Óptica de Terminação
XX - Tipo de Fibra (SM, MM50 ou BLI A/B)
EO- Elemento Optico
YY- Quantidade de Fibras
ZZ- COG ou LSZH