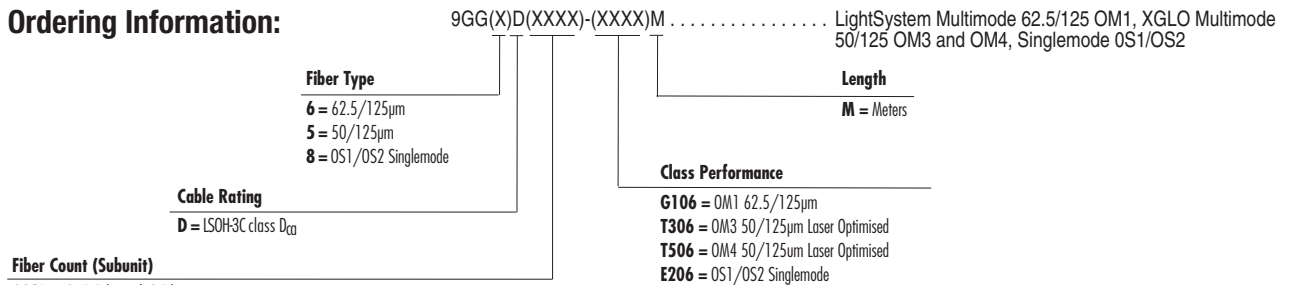


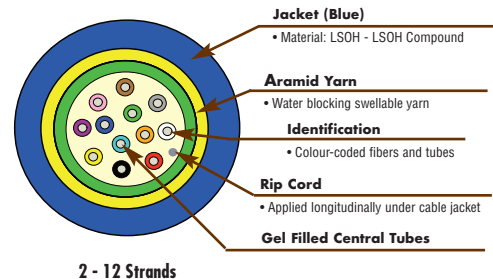
XGLO® & LightSystem® Indoor/Outdoor LooseTube, Dca - EMEA

Siemon LSOH (IEC 60332-3) indoor/outdoor loose tube fiber cables are ideal for 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.

Ordering Information:



- Fiber Count (Subunit)**
- 002B = 2 (1 Tube with 2 Fibers)
 - 004C = 4 (1 Tube with 4 Fibers)
 - 006D = 6 (1 Tube with 6 Fibers)
 - 008E = 8 (1 Tube with 8 Fibers)
 - 012G = 12 (1 Tube with 12 Fibers)



Note: The 2-12 strand rodent resistant cables feature a glass yarn design with a high tensile strength and degree of rodent protection which is effective in many cases. The function of glass yarns differs from the other rodent protection materials such as a 100% metallic armour protection. The glass yarns provide a degree of protection because it is disagreeable and unpleasant for most rodents to gnaw the glass yarns.

LIGHTSYSTEM Multimode 62.5/125, OM1	XGLO 300 Multimode 50/125, OM3	XGLO 550 Multimode 50/125, OM4	XGLO Singlemode, OS1/OS2																																																																																		
STANDARDS COMPLIANCE	STANDARDS COMPLIANCE	STANDARDS COMPLIANCE	STANDARDS COMPLIANCE																																																																																		
<ul style="list-style-type: none"> ISO/IEC 11801:2002 OM1 (62.5/125) ANSI/TIA-568.3-D ANSI/TIA-598-D ANSI/TIA-492 AAAB Telcordia GR-409-CORE IEC 60332-1-2, Class E_{ca} IEC 60332-3, IEC 60332-1-12 (Single strand), IEC 60754-2 (Acid gas), IEC 61034-2 (Smoke Density) EN 50399 Class D_{ca}S₂d₁a₁ 	<ul style="list-style-type: none"> ISO/IEC 11801:2002 OM3 ANSI/TIA-568.3-D ANSI/TIA-598-D ANSI/TIA-492 AAAC Telcordia GR-409-CORE IEC 60332-1-2, Class E_{ca} IEC 60332-3, IEC 60332-1-12 (Single strand), IEC 60754-2 (Acid gas), IEC 61034-2 (Smoke Density) EN 50399 Class D_{ca}S₂d₁a₁ 	<ul style="list-style-type: none"> 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 60332-1-2, Class E_{ca} IEC 60332-3, IEC 60332-1-12 (Single strand), IEC 60754-2 (Acid gas), IEC 61034-2 (Smoke Density) EN 50399 Class D_{ca}S₂d₁a₁ 	<ul style="list-style-type: none"> ISO/IEC 11801:Ed 2.0 Amendment:1:2008 ANSI/TIA-568.3-D ANSI/TIA-598-D Telcordia GR-409-CORE ITU-T G.652 C/D IEC 60332-1-2, Class E_{ca} IEC 60332-3, IEC 60332-1-12 (Single strand), IEC 60754-2 (Acid gas), IEC 61034-2 (Smoke Density) EN 50399 Class D_{ca}S₂d₁a₁ 																																																																																		
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XGLO® & LightSystem® Indoor/Outdoor LooseTube, Dca - EMEA

LightSystem Gigabit Ethernet Fiber Optic Cable

Minimum Performance Parameters for LightSystem 62.5/125µm Multimode Fiber

Fiber Type	Wavelength nm	Maximum Attenuation (dB/km)	Minimum Modal Bandwidth (MHz·km)	Guaranteed Gigabit Transmission Distance Meters (Feet)	Index of Refraction
62.5/125 (OM1)	850	3.5	200	275 (902)	1.495
	1300	1.0	500	550 (1804)	1.490

*The protocol pertinent to the transmission distance as noted is Gigabit Ethernet per IEEE 802.3:2005.

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)		Group Index of Refraction	
	850 nm	1300 nm	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	3.0	1.0	1.483	1.479
50/125 (OM4)	1100	600	550	300	RML - 4700 OFL - 3500	OFL - 500	3.0	1.0	1.483	1.479

† 10GBASE-S †† 10GBASE-LX4

Minimum Performance Parameters for XGLO Singlemode Fiber

Fiber Type	Wavelength (nm)	Maximum Attenuation (dB/km)	Zero Dispersion Wavelength (nm)	Zero Dispersion Slope (nm ₂ -km)	Index of Refraction
Singlemode (OS1/OS2)	1310	0.40	1312 ± 10	≤0.089	1.468
	1550	0.30	1312 ± 10	≤0.089	1.468
	1310 - 1625	<0.40	1312 ± 10	≤0.089	1.468

XGLO and LightSystem Indoor/Outdoor LooseTube Physical Specifications

PHYSICAL SPECIFICATIONS (All Values Are Nominal)

Fiber Count	Nominal Cable Diameter (mm)	Maximum Pulling Tension Newtons (N)		Nominal Net Weight (kg/km)
		Installation	Long Term	
2	7.5	1500	700	65
4	7.5	1500	700	65
6	7.5	1500	700	65
8	7.5	1500	700	65
12	7.5	1500	700	65

Fiber Count	Maximum Crush Resistance (N/mm)	Operating Temperature °C (°F)	Installation Temperature °C (°F)	Storage Temperature °C (°F)	Minimum Bend Radius	
					Installation	Long Term
2-12	10	-30 to 70 (-40 to 158)°F	-15 to 40 (-5 to 104)°F	-40 to 60 (-40 to 140)°F	20 x DIA.	10 x DIA.

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