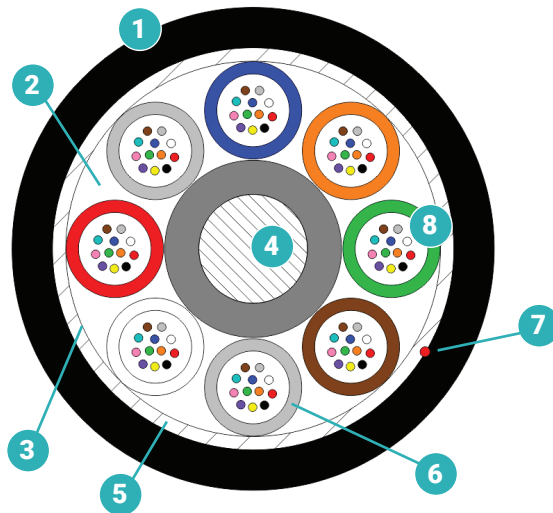


XGLO® & LightSystem® Outside Plant Loose Tube

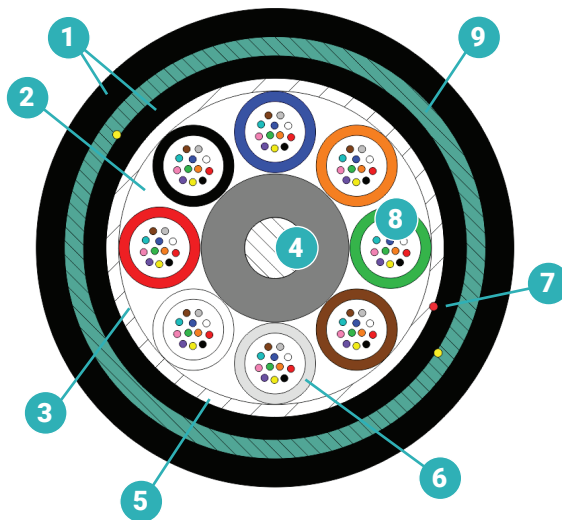
Regional Availability – North America



Siemon outside plant (OSP) cable is ideal for campus, building-to-building interconnections, lashed aerial, duct or underground conduits and direct burial with proper sand back filling applications. These cables are designed to tolerate the installation and stresses cables exposed to the external environment. Siemon fiber optic cables are offered in XGLO and LightSystem supporting high-speed, applications such as Gigabit Ethernet, 10 Gigabit Ethernet and Fiber Channel.



Non-Armor



Armor

- 1. Jacket (Black)**
Material: MDPE - Medium Density Polyethylene
- 2. Cablecore Dry**
- 3. Polyester Tap**

- 4. FRP Strength Member**
- 5. Aramid Yarn/Water Blocking Tape**
Applied longitudinally under cable jacket
- 6. Gel Filled Buffer Tubes**

- 7. Rip Cord**
- 8. Color Coded Fiber and Tubes**
- 9. Corrugated Steel Tape**

XGLO Singlemode OS2

Construction/Features

- Outer jacket is a UV resistant black MDPE (Medium Density Polyethylene)
- Water blocking, gel-filled loose tubes
- Non-Armor and Armor versions
- Armor version utilises a robust corrugated steel armor

Standards Compliance

- ISO/IEC 11801: Ed 2.0 Amendment 1:2008
- ANSI/TIA-568.3
- ANSI/TIA-598
- ANSI/TIA-492 CAAB
- Telcordia GR-20-CORE
- ITU-T G.652 C/D

Applications Support

Application	Distance (m)
10GBASE-L (1310 nm)	8,000
10GBASE-E (1550 nm)	30,000
10G Fiber Channel (Serial-1310 nm)	10,000
10G Fiber Channel (WDM-1310 nm)	10,000
1000BASE-LX (1300 nm)	5,000
Fiber Channel 266/1062 (1300 nm)	10,000
ATM 52/155/622 (1300 nm)	15,000

These cables provide a degree of rodent protection effective in many cases. The non-armor cable has a PE sheath which has a hard surface and provides a degree of rodent protection because it is disagreeable and unpleasant for most rodents to gnaw on. The armor cable has a PE sheath and corrugated steel tape which provides 100% rodent protection.

Product Information

XGLO Gigabit Ethernet Fiber Optic Cable

Minimum Performance Parameters for XGLO Singlemode Fiber

FIBER TYPE	WAVELENGTH nm	MAX ATTENUATION (dB/km)
SINGLEMODE (OS2)	1310	0.40
	1550	0.30

XGLO Outside Plant-Loose Tube Physical Specifications

Physical Specifications (All Values Are Nominal)

FIBER COUNT	NOMINAL CABLE DIAMETER mm (in)		MAX PULLING TENSION – NEWTONS*				NET WEIGHT kg/km (lbs/1000 ft)	
			Installation		Long Term			
	Non-Armor	Armor	Non-Armor	Armor	Non-Armor	Armor	Non-Armor	Armor
6	11.78 (0.46)	12.92 (0.51)	1779	1779	534	534	90 (60.5)	162 (109)
12	11.78 (0.46)	12.92 (0.51)	1779	1779	534	534	90 (60.5)	162 (109)
24	11.78 (0.46)	12.92 (0.51)	2670	2670	890	890	93 (62.5)	165 (110.9)
48	11.78 (0.46)	12.92 (0.51)	2670	2670	890	890	95 (63.8)	167 (112.2)
72	12.52 (0.49)	13.54 (0.53)	2670	2670	890	890	113 (76)	191 (128.4)
96	14.81 (0.58)	15.85 (0.63)	2670	2670	890	890	160 (107.5)	240 (161.3)
144	18.16 (0.72)	19.15 (0.75)	2670	2670	890	890	262 (176)	365 (245.3)

*6 and 12 Fiber have lower ratings than ICEA S-87-640.

FIBER TYPE	MAX CRUSH RESISTANCE (n/mm)		OPERATION TEMPERATURE °C (°F)	INSTALLATION TEMPERATURE °C (°F)	STORAGE TEMPERATURE °C (°F)	MIN BEND RADIUS	
	Non-Armor	Armor				Installation	Long Term
6-144	22	44	-40 to 70 (-40 to 158)	-30 to 70 (-22 to 158)	-40 to 70 (-40 to 158)	20 x Cable OD	10 x Cable OD

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

Ordering Information

XGLO: Singlemode OS2

9P (X) 8C (XXXX) - E201A

ARMOR	FIBER COUNT
E = Non-Armor	006D = 6 (1 Tube with 6 Fibers) 072G = 72 (6 Tubes with 12 Fibers)
F = Armor	012G = 12 (1 Tube with 12 Fibers) 096G = 96 (8 Tubes with 12 Fibers)
	024G = 24 (2 Tubes with 12 Fibers) 144G = 144 (12 Tubes with 12 Fibers)
	048G = 48 (4 Tubes with 12 Fibers)

Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.

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