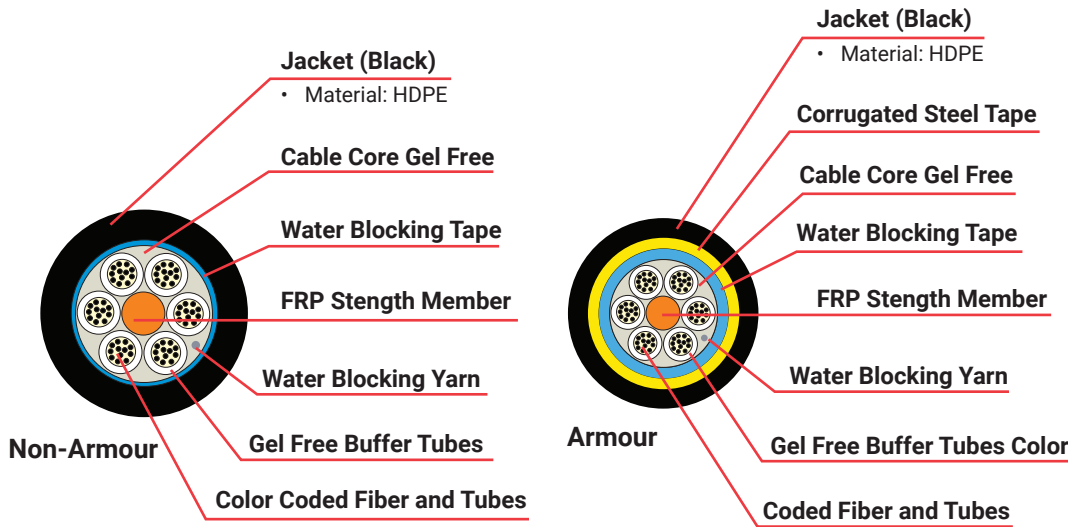


XGLO® Outside Plant Loose Tube Gel Free

Regional Availability - IMEA

Siemon outside plant (OSP) cables are ideal for campus, building-to-building interconnections, lashed aerial, duct or underground conduits and direct burial with proper sand back filling. These cables are designed to tolerate the installation and stresses in cables exposed to the external environment. 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.



Construction/Features

- Outer jacket is a UV resistant black HDPE
- Water blocking, gel-free loose tubes
- Non-Armour and Armour versions
- Armour version utilises a robust corrugated steel armor

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
Telcordia GR-20-CORE
ICEA S-87-640

XGLO 550 Multimode 50/125, OM4

Standards Compliance

ISO/IEC 11801: 2002 Amendment 2 OM4
ANSI/TIA-568.3-D
ANSI/TIA-598-D
ANSI/TIA-492 AAAD
Telcordia GR-20-CORE
ICEA S-87-640

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-20-CORE
ITU-T G.652 D
ITU-T G.657 A
ICEA S-87-640

These cables provide a degree of rodent protection effective in many cases. The non-armour 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 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	3.0	1.0
50/125 (OM4)	1100	600	550	300	RML - 4700 OFL - 3500	OFL - 500	3.0	1.0

† 10GBASE-S, †† 10GBASE-LX4

Minimum Performance Parameters for XGLO Singlemode Fiber

Fiber Type	Wavelength nm	Maximum Attenuation (dB/km)
Singlemode	1310	0.40
	1550	0.30

XGLO Outside Plant-Loose Tube Physical Specifications

Fiber Count	Maximum Pulling Tension Newtons							
	Nominal Cable Diameter (mm)		Installation		Long Term		Net Weight kg/km	
	Non Armour	Armour	Non Armour	Armour	Non Armour	Armour	Non Armour	Armour
2	10.7	11.6	2700	2700	890	890	81	126
4	10.8	11.7	2700	2700	890	890	83	128
6	10.8	11.7	2700	2700	890	890	83	128
8	11.3	12.2	2700	2700	890	890	89	137
12	11.4	12.3	2700	2700	890	890	94	128

Product Information

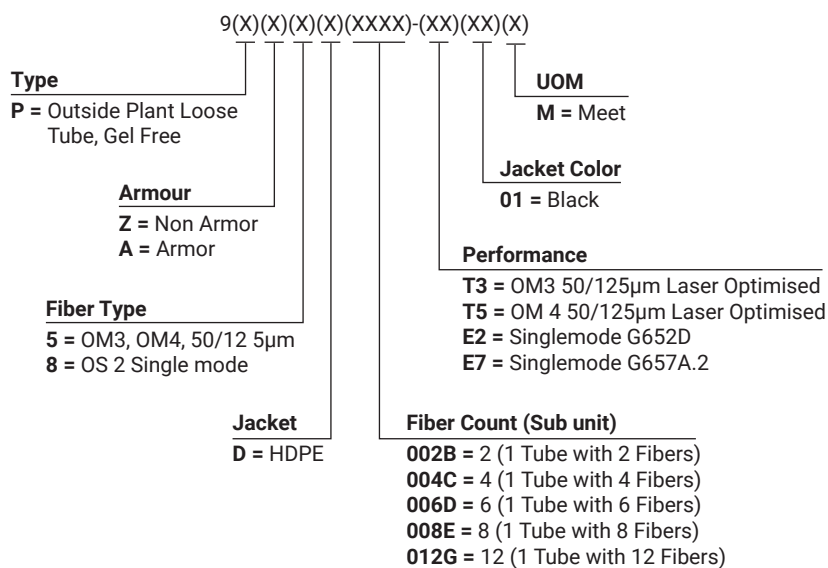
Fiber Type	Maximum Crush Resistance (N/mm)		Operation Temperature °C	Installation Temperature °C	Storage Temperature °C	Minimum Bend Radius	
	Non Armour	Armour				Installation	Long Term
2 - 12	22	22	-40 to 70	-30 to 60	-40 to 75	20 x Cable OD	10 x Cable OD

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

Ordering Information

XGLO Multimode

50/125 OM3 and OM4 , Singlemode OS2



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

North America P: (1) 860 945 4200	Asia Pacific P: (61) 2 8977 7500	Latin America P: (571) 657 1950/51/52	Europe P: (44) 0 1932 571771	China P: (86) 215385 0303	India, Middle East & Africa P: (971) 4 3689743
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Siemon Interconnect Solutions
P: (1) 860 945 4213
www.siemon.com/SIS