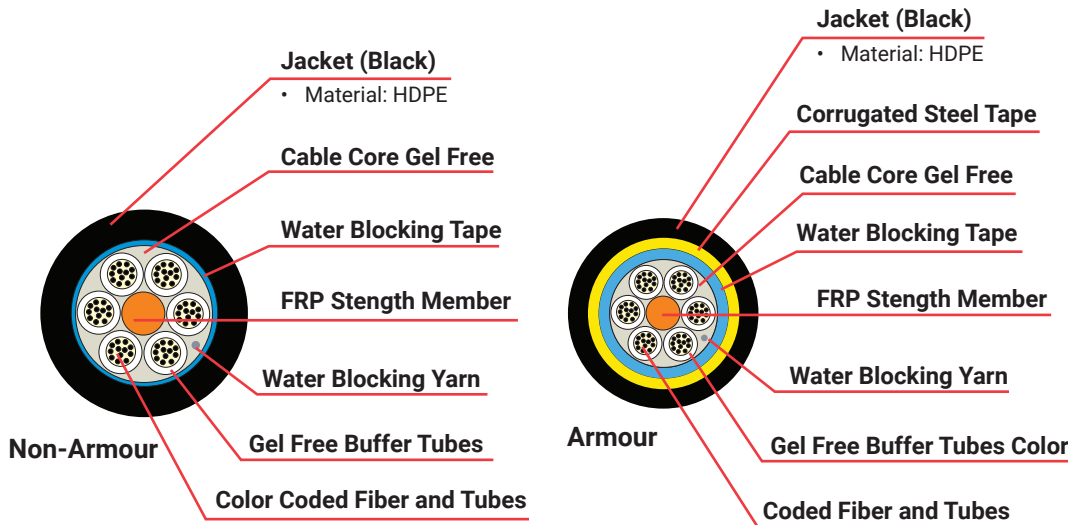


XGLO® Outside Plant Loose Tube Gel Free

Regional Availability - International

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

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

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

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 |
| 16 | 10.8 | 11.7 | 2700 | 2700 | 890 | 890 | 83 | 128 |
| 24 | 10.8 | 11.7 | 2700 | 2700 | 890 | 890 | 83 | 128 |
| 36 | 10.8 | 11.7 | 2700 | 2700 | 890 | 890 | 83 | 128 |
| 48 | 11.4 | 12.3 | 2700 | 2700 | 890 | 890 | 94 | 139 |
| 72 | 11.4 | 12.3 | 2700 | 2700 | 890 | 890 | 94 | 139 |
| 96 | 12.9 | 13.8 | 2700 | 2700 | 890 | 890 | 121 | 176 |
| 144 | 16.0 | 16.9 | 2700 | 2700 | 890 | 890 | 180 | 247 |

Product Information

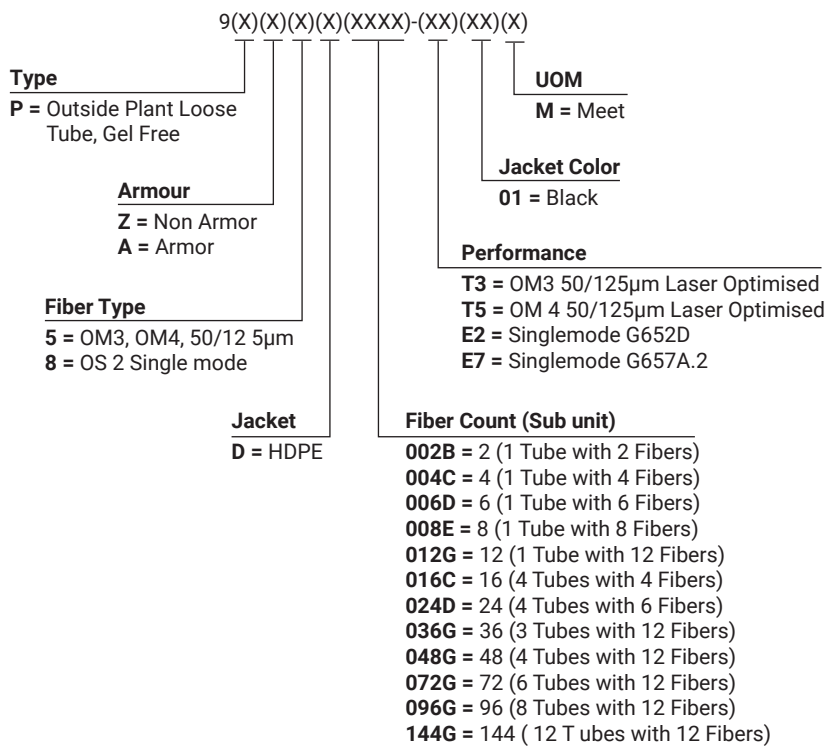
| Fiber Type | Maximum Crush Resistance (N/mm) | | Operation Temperature °C | Installation Temperature °C | Storage Temperature °C | Minimum Bend Radius | |
|------------|---------------------------------|--------|--------------------------|-----------------------------|------------------------|---------------------|---------------|
| | Non Armour | Armour | | | | Installation | Long Term |
| 2 - 144 | 22 | 22 | -30 to 60 | -30 to 70 | -40 to 70 | 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

Siemon Interconnect Solutions
P: (1) 860 945 4213
www.siemon.com/SIS