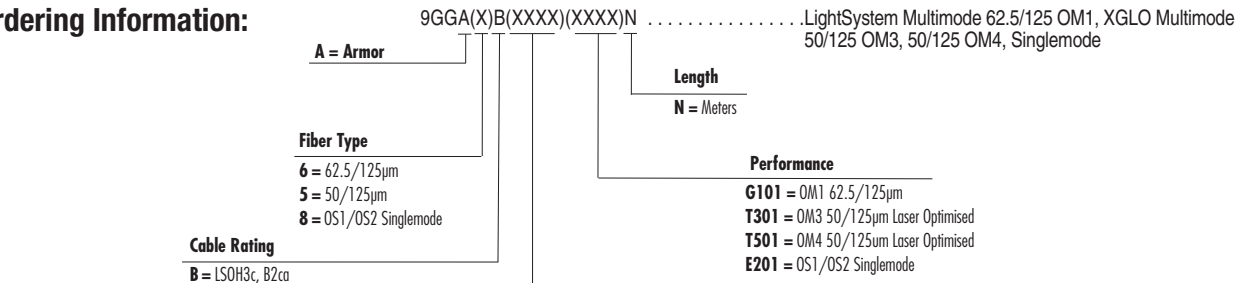


XGLO® & LightSystem® Indoor/Outdoor, Armor, LooseTube, EuroClass B2_{ca}s_{1a},d₁,a₁ - EMEA

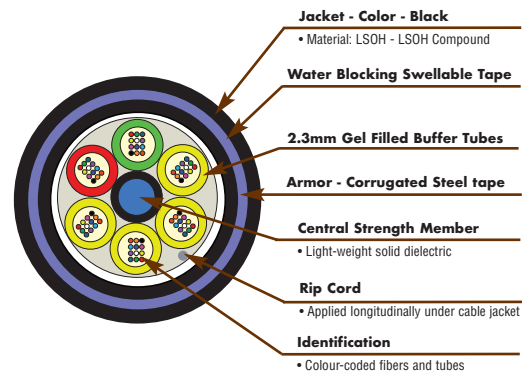
Siemon LSOH-FR indoor/outdoor armor loose tube cables are ideal for campus and building backbones. Siemon fiber optic cables are offered in XGLO and LightSystem configurations supporting high-speed, applications such as Gigabit Ethernet, 10 Gigabit Ethernet and Fiber Channel. Siemon indoor/outdoor water blocking is primarily for dry duct applications for moisture and temporary water migration protection.

Ordering Information:



Fiber Count (Subunit)

- 004C = 2 (1 Tube with 4 Fibers)
- 006D = 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)
- 016E = 16 (2 Tubes with 8 Fibers)
- 024G = 24 (2 Tubes with 12 Fibers)
- 036G = 36 (3 Tubes with 12 Fibers)
- 048G = 48 (4 Tubes with 12 Fibers)
- 072G = 72 (6 Tubes with 12 Fibers)
- 096G = 96 (8 Tubes with 12 Fibers)
- 144G = 144 (12 Tubes with 12 Fibers)



Note: The cable utilizes a corrugated steel tape for rodent proof. The cable can be used for direct burial with proper sand back filling

| LIGHTSYSTEM Multimode, 62.5/125, OM1 | XGLO 300 Multimode, 50/125, OM3 | XGLO 550 Multimode, 50/125, OM4 | XGLO Singlemode, OS1/OS2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|-----|------------|----|----------------------|-----|------------|-----|-----------------------|-----|-----------------------------|-------|-------------------|-----|-------------------|-------|------------------|-------|-------------------------|-------|----------------------|-------|--|-------------|--------------|---------------------|-----|------------------------|-----|---------------------|------|------------------------|-----|-----------------------------|-------|-------------------|-----|-------------------|-------|------------------|-------|-------------------------|-------|----------------------|-------|---|-------------|--------------|--------------------|-----|-----------------------|-----|---------------------|------|-----------------------|-----|-----------------------------|-------|-------------------|-----|-------------------|-------|------------------|-------|-------------------------|-------|----------------------|-------|---|-------------|--------------|---------------------|-------|---------------------|--------|------------------------------------|--------|---------------------------------|--------|-----------------------|-------|----------------------------------|--------|--------------------------|--------|
| 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 AAAA • Telcordia GR-409-CORE • IEC 60332-1-2 (Single strand) IEC 60754-1-2 (Non Halogens) IEC 60754-2 (Acid gas) IEC 61034-2 (Smoke density) • EN 50575 • EN 50399, Class Eca, D_{ca}, C_{ca} Class B2ca s_{1a}, d₁, a₁ | STANDARDS COMPLIANCE <ul style="list-style-type: none"> • ISO/IEC 11801:2002 OM3 • ANSI/TIA-568.3-D • ANSI/TIA-598-D • ANSI/TIA-492 AAAC • IEC 60793-2-10 Fiber Type Ala.2 • Telcordia GR-409-CORE • IEC 60332-1-2 (Single strand) IEC 60754-1-2 (Non Halogens) IEC 60754-2 (Acid gas) IEC 61034-2 (Smoke density) • EN 50575 • EN 50399, Class Eca, D_{ca}, C_{ca} Class B2ca s_{1a}, d₁, a₁ | STANDARDS COMPLIANCE <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 (Single strand) IEC 60754-1-2 (Non Halogens) IEC 60754-2 (Acid gas) IEC 61034-2 (Smoke density) • EN 50575 • EN 50399, Class Eca, D_{ca}, C_{ca} Class B2ca s_{1a}, d₁, a₁ | STANDARDS COMPLIANCE <ul style="list-style-type: none"> • 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 • IEC 60332-1-2 (Single strand) IEC 60754-1-2 (Non Halogens) IEC 60754-2 (Acid gas) IEC 61034-2 (Smoke density) • EN 50575 • EN 50399, Class Eca, D_{ca}, C_{ca} Class B2ca s_{1a}, d₁, a₁ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPLICATIONS SUPPORT <table border="1"> <thead> <tr> <th>APPLICATION</th> <th>DISTANCE (m)</th> </tr> </thead> <tbody> <tr><td>10 GBASE-S (850 nm)</td><td>N/A</td></tr> <tr><td>62.5/125µm</td><td>26</td></tr> <tr><td>1000 BASE-S (850 nm)</td><td>N/A</td></tr> <tr><td>62.5/125µm</td><td>275</td></tr> <tr><td>1000BASE-LX (1300 nm)</td><td>550</td></tr> <tr><td>Fiber Channel 266 (1300 nm)</td><td>1,500</td></tr> <tr><td>ATM 622 (1300 nm)</td><td>500</td></tr> <tr><td>ATM 155 (1300 nm)</td><td>2,000</td></tr> <tr><td>ATM 52 (1300 nm)</td><td>3,000</td></tr> <tr><td>FDDI (Original-1300 nm)</td><td>2,000</td></tr> <tr><td>100BASE-FX (1300 nm)</td><td>2,000</td></tr> </tbody> </table> | APPLICATION | DISTANCE (m) | 10 GBASE-S (850 nm) | N/A | 62.5/125µm | 26 | 1000 BASE-S (850 nm) | N/A | 62.5/125µm | 275 | 1000BASE-LX (1300 nm) | 550 | Fiber Channel 266 (1300 nm) | 1,500 | ATM 622 (1300 nm) | 500 | ATM 155 (1300 nm) | 2,000 | ATM 52 (1300 nm) | 3,000 | FDDI (Original-1300 nm) | 2,000 | 100BASE-FX (1300 nm) | 2,000 | APPLICATIONS SUPPORT <table border="1"> <thead> <tr> <th>APPLICATION</th> <th>DISTANCE (m)</th> </tr> </thead> <tbody> <tr><td>10 GBASE-S (850 nm)</td><td>300</td></tr> <tr><td>10 GBASE-LX4 (1300 nm)</td><td>300</td></tr> <tr><td>1000BASE-S (850 nm)</td><td>1000</td></tr> <tr><td>1000 BASE-LX (1300 nm)</td><td>600</td></tr> <tr><td>Fiber Channel 266 (1300 nm)</td><td>1,500</td></tr> <tr><td>ATM 622 (1300 nm)</td><td>500</td></tr> <tr><td>ATM 155 (1300 nm)</td><td>2,000</td></tr> <tr><td>ATM 52 (1300 nm)</td><td>3,000</td></tr> <tr><td>FDD1 (Original-1300 nm)</td><td>2,000</td></tr> <tr><td>100BASE-FX (1300 nm)</td><td>2,000</td></tr> </tbody> </table> | APPLICATION | DISTANCE (m) | 10 GBASE-S (850 nm) | 300 | 10 GBASE-LX4 (1300 nm) | 300 | 1000BASE-S (850 nm) | 1000 | 1000 BASE-LX (1300 nm) | 600 | Fiber Channel 266 (1300 nm) | 1,500 | ATM 622 (1300 nm) | 500 | ATM 155 (1300 nm) | 2,000 | ATM 52 (1300 nm) | 3,000 | FDD1 (Original-1300 nm) | 2,000 | 100BASE-FX (1300 nm) | 2,000 | APPLICATIONS SUPPORT <table border="1"> <thead> <tr> <th>APPLICATION</th> <th>DISTANCE (m)</th> </tr> </thead> <tbody> <tr><td>10GBASE-S (850 nm)</td><td>550</td></tr> <tr><td>10GBASE-LX4 (1300 nm)</td><td>300</td></tr> <tr><td>1000BASE-S (850 nm)</td><td>1100</td></tr> <tr><td>1000BASE-LX (1300 nm)</td><td>600</td></tr> <tr><td>Fiber Channel 266 (1300 nm)</td><td>1,500</td></tr> <tr><td>ATM 622 (1300 nm)</td><td>500</td></tr> <tr><td>ATM 155 (1300 nm)</td><td>2,000</td></tr> <tr><td>ATM 52 (1300 nm)</td><td>3,000</td></tr> <tr><td>FDD1 (Original-1300 nm)</td><td>2,000</td></tr> <tr><td>100BASE-FX (1300 nm)</td><td>2,000</td></tr> </tbody> </table> | APPLICATION | DISTANCE (m) | 10GBASE-S (850 nm) | 550 | 10GBASE-LX4 (1300 nm) | 300 | 1000BASE-S (850 nm) | 1100 | 1000BASE-LX (1300 nm) | 600 | Fiber Channel 266 (1300 nm) | 1,500 | ATM 622 (1300 nm) | 500 | ATM 155 (1300 nm) | 2,000 | ATM 52 (1300 nm) | 3,000 | FDD1 (Original-1300 nm) | 2,000 | 100BASE-FX (1300 nm) | 2,000 | APPLICATIONS SUPPORT <table border="1"> <thead> <tr> <th>APPLICATION</th> <th>DISTANCE (m)</th> </tr> </thead> <tbody> <tr><td>10GBASE-L (1310 nm)</td><td>8,000</td></tr> <tr><td>10GBASE-E (1550 nm)</td><td>30,000</td></tr> <tr><td>10G Fiber Channel (Serial-1310 nm)</td><td>10,000</td></tr> <tr><td>10G Fiber Channel (WDM-1310 nm)</td><td>10,000</td></tr> <tr><td>1000BASE-LX (1300 nm)</td><td>5,000</td></tr> <tr><td>Fiber Channel 266/1062 (1300 nm)</td><td>10,000</td></tr> <tr><td>ATM 52/155/622 (1300 nm)</td><td>15,000</td></tr> </tbody> </table> | 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 |
| APPLICATION | DISTANCE (m) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 GBASE-S (850 nm) | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62.5/125µm | 26 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1000 BASE-S (850 nm) | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 62.5/125µm | 275 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1000BASE-LX (1300 nm) | 550 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fiber Channel 266 (1300 nm) | 1,500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATM 622 (1300 nm) | 500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATM 155 (1300 nm) | 2,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATM 52 (1300 nm) | 3,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDDI (Original-1300 nm) | 2,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100BASE-FX (1300 nm) | 2,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPLICATION | DISTANCE (m) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 GBASE-S (850 nm) | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 GBASE-LX4 (1300 nm) | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1000BASE-S (850 nm) | 1000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1000 BASE-LX (1300 nm) | 600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fiber Channel 266 (1300 nm) | 1,500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATM 622 (1300 nm) | 500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATM 155 (1300 nm) | 2,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATM 52 (1300 nm) | 3,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDD1 (Original-1300 nm) | 2,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100BASE-FX (1300 nm) | 2,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| APPLICATION | DISTANCE (m) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10GBASE-S (850 nm) | 550 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10GBASE-LX4 (1300 nm) | 300 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1000BASE-S (850 nm) | 1100 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1000BASE-LX (1300 nm) | 600 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fiber Channel 266 (1300 nm) | 1,500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATM 622 (1300 nm) | 500 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATM 155 (1300 nm) | 2,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ATM 52 (1300 nm) | 3,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FDD1 (Original-1300 nm) | 2,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 100BASE-FX (1300 nm) | 2,000 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

XGLO® & LightSystem® Indoor/Outdoor, Armor, LooseTube, EuroClass B2_{ca}S_{1a},d₁,a₁ - 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) |
|----------------|---------------|-----------------------------|----------------------------------|--|
| 62.5/125 (OM1) | 850 | 3.5 | 200 | 275 (902) |
| | 1300 | 1.0 | 500 | 550 (1804) |

*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) | |
|--------------|--|---------|---|-----------|----------------------------|-----------|-----------------------------|---------|
| | 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 (OS1/OS2) | 1310 | 0.40 |
| | 1550 | 0.30 |

XGLO and LightSystem Indoor/Outdoor LooseTube Armor (EMEA) Physical Specifications

PHYSICAL SPECIFICATIONS (All Values Are Nominal)

| Fiber Count | Nominal Cable Diameter mm | Maximum Pulling Tension Newtons | | Nominal Net Weight kg/km |
|-------------|---------------------------|---------------------------------|-----------|--------------------------|
| | | Installation | Long Term | |
| 4 | 14.5 | 1800 | 1200 | 249 |
| 6 | 14.5 | 1800 | 1200 | 249 |
| 8 | 14.5 | 1800 | 1200 | 249 |
| 12 | 14.5 | 1800 | 1200 | 249 |
| 16 | 14.5 | 1800 | 1200 | 253 |
| 24 | 14.5 | 1800 | 1200 | 253 |
| 36 | 14.5 | 1800 | 1200 | 256 |
| 48 | 14.5 | 1800 | 1200 | 260 |
| 72 | 14.5 | 1800 | 1200 | 266 |
| 96 | 14.5 | 1800 | 1200 | 275 |
| 144 | 19.0 | 1800 | 1200 | 404 |

| Fiber Count | Maximum Crush Resistance (N/mm) | Operation Temperature °C (°F) | Installation Temperature °C (°F) | Storage Temperature °C (°F) | Minimum Bend Radius | |
|-------------|---------------------------------|--|-------------------------------------|-------------------------------------|---------------------|-----------|
| | | | | | Installation | Long Term |
| 4-144 | 30 | -40°C to +60°C (-40°F to +140°F) *, ** | -30°C to +60°C (-22°F to +140°C) ** | -40°C to +60°C (-40°F to +140°F) ** | 20 x | 10 x |

* In the interval -60 °C to 70 °C there is no attenuation variation (≤0.05 dB) for a single mode fibre, when tested according to the standard mentioned

** The temperature limits shall be understood as the actual temperature of the cable. During installation take into account the possible heating due to any installation in the direct sun.

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