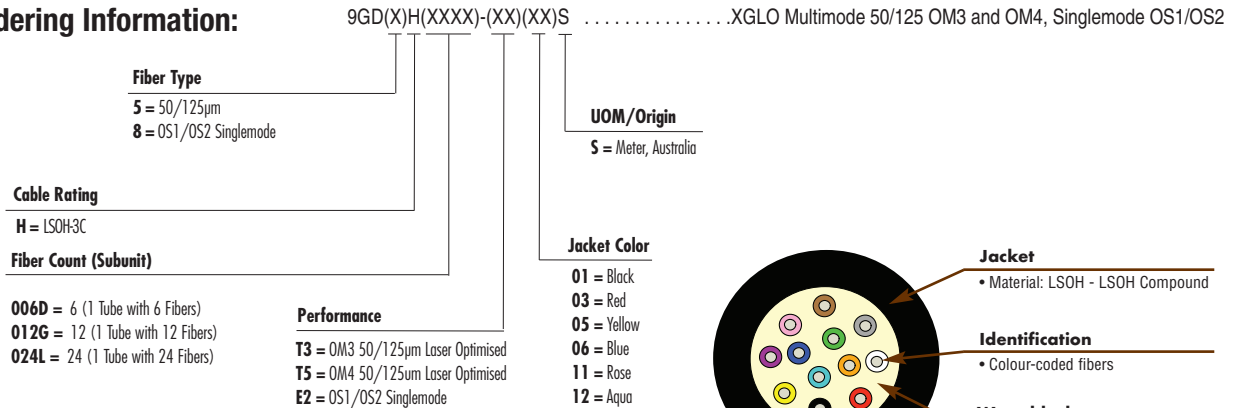


XGLO® Indoor/Outdoor Tight Buffer - Australia

Siemon LSOH (IEC 60332-3) indoor/outdoor tight buffer fiber cables are ideal for data centres, campus and building backbones. Siemon fiber optic cables are offered in XGLO 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:



| XGLO 300 Multimode 50/125, OM3 | | XGLO 550 Multimode 50/125, OM4 | | XGLO Singlemode, OS1/OS2 | |
|--|--------------|--|--------------|--|--------------|
| STANDARDS COMPLIANCE | | STANDARDS COMPLIANCE | | 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 AS/NZS 3080 ACMA-AS/CA S008 AS/NZS IEC 60332.1 IEC 60332-3-24 | | <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 AS/NZS 3080 ACMA-AS/CA S008 AS/NZS IEC 60332.1 IEC 60332-3-24y) | | <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 ANSI/TIA-492 CAAB ITU-T G.652 C/D AS/NZS 3080 ACMA-AS/CA S008 AS/NZS IEC 60332.1 IEC 60332-3-24 | |
| APPLICATIONS SUPPORT | | APPLICATIONS SUPPORT | | APPLICATIONS SUPPORT | |
| APPLICATION | DISTANCE (m) | APPLICATION | DISTANCE (m) | APPLICATION | DISTANCE (m) |
| 10GBASE-S (850 nm) | 300 | 10GBASE-S (850 nm) | 550 | 10GBASE-L (1310 nm) | 8,000 |
| 10GBASE-LX4 (1300 nm) | 300 | 10GBASE-LX4 (1300 nm) | 300 | 10GBASE-E (1550 nm) | 30,000 |
| 1000BASE-S (850 nm) | 1000 | 1000BASE-S (850 nm) | 1100 | 10G Fiber Channel (Serial-1310 nm) | 10,000 |
| 1000BASE-LX (1300 nm) | 600 | 1000BASE-LX (1300 nm) | 600 | 10G Fiber Channel (WDM-1310 nm) | 10,000 |
| Fiber Channel 266 (1300 nm) | 1,500 | Fiber Channel 266 (1300 nm) | 1,500 | 1000BASE-LX (1300 nm) | 5,000 |
| ATM 622 (1300 nm) | 500 | ATM 622 (1300 nm) | 500 | Fiber Channel 266/1062 (1300 nm) | 10,000 |
| ATM 155 (1300 nm) | 2,000 | ATM 155 (1300 nm) | 2,000 | ATM 52/155/622 (1300 nm) | 15,000 |
| ATM 52 (1300 nm) | 3,000 | ATM 52 (1300 nm) | 3,000 | | |
| FDD1 (Original-1300 nm) | 2,000 | FDD1 (Original-1300 nm) | 2,000 | | |
| 100BASE-FX (1300 nm) | 2,000 | 100BASE-FX (1300 nm) | 2,000 | | |

XGLO® Indoor/Outdoor Tight Buffer - Australia

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 Tight Buffer (International) Physical Specifications

PHYSICAL SPECIFICATIONS (All Values Are Nominal)

| Fiber Count | Nominal Cable Diameter mm | Maximum Pulling Tension Newtons | | Nominal Net Weight kg/km |
|-------------|---------------------------|---------------------------------|--|--------------------------|
| | | Installation | | |
| 6 | 4.8 | 600 | | 22 |
| 12 | 6.2 | 600 | | 33 |
| 24 | 8.8 | 600 | | 61 |

| Fiber Count | Maximum Crush Resistance (N/mm) | Operation Temperature °C (°F) | Installation Temperature °C (°F) | Storage Temperature °C | Minimum Bend Radius | |
|-------------|---------------------------------|-------------------------------|----------------------------------|-------------------------|---------------------|-----------|
| | | | | | Installation | Long Term |
| 6, 12, 24 | 5 | -0 to +70 (32 to +158) | 0 to +50 (32 to +122) | -10 to +60 (-14 to 140) | 20 x DIA. | 10 x DIA. |

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