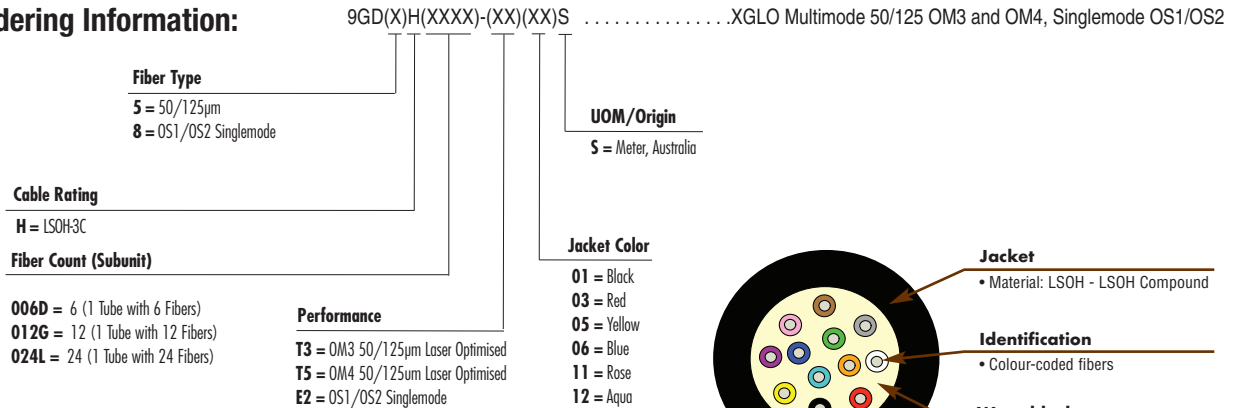


XGLO® Indoor/Outdoor Tight Buffer - Australia

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.