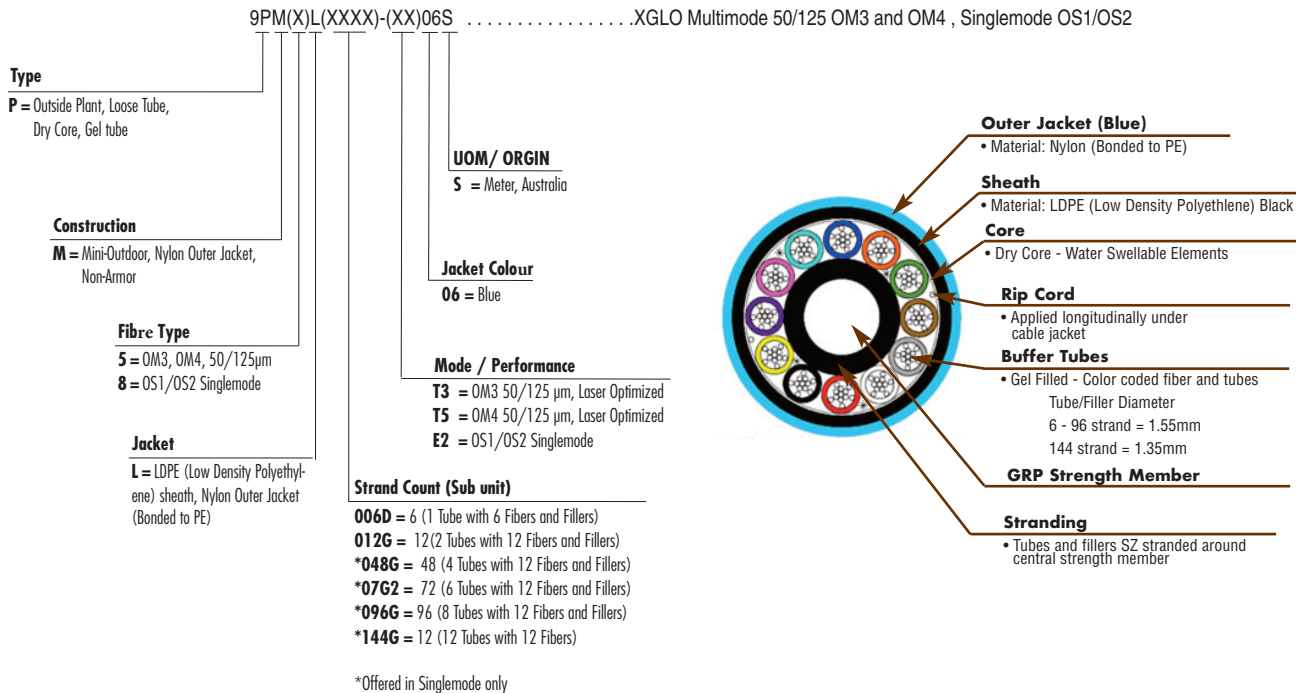


XGLO® Mini Outside Plant Loose Tube - Australia

Siemon mini-outside plant (OSP) fibre optic loose tube cables are ideal for external underground installations. The cable features a condensed and light-weight design that contains gel and dry water-block technology, dielectric strength members for tensile strength, 250µm colour coded fibres for easy fibre identification and a nylon outer jacket that decreases friction and provides protection against termites.

Ordering Information:



FEATURES AND BENEFITS

- Compact design
- Greatly increases duct utilization
- Easy fibre Identification
- Colour coded 250µm fibres
- Sheath/Jacket
- LDPE (low density polyethylene), non armor, black, sheath
- Nylon outer sheath bonded to PE (compliance with AS 1049), blue, jacket
- Water-Blocking Technology
- Gel fill tubes
- Dry core with water swellable materials
- All-Dielectric Strength Elements
- Compliance
- IEC 60794-1, IEC 60794-5, ACMA-AS/CA 5008, AS 1049
- Water penetration IEC 60794-1-F5C

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Minimum Performance Parameters for XGLO 50/125µm Multimode Fibre

Fibre 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 Fibre

Fibre Type	Wavelength nm	Maximum Attenuation (dB/km)
Singlemode (OS1/OS2)	1310	0.40
	1550	0.30

XGLO Mini Outside Plant-Loose Tube Physical Specifications

PHYSICAL SPECIFICATIONS (All Values Are Nominal)

Fibre Count	Nominal Cable Diameter mm	Maximum Pulling Tension Installation kN	Nominal Net Weight kg/km
6	6.3	0.8	33
12	6.3	0.8	33
24	6.3	0.8	33
48	6.3	0.8	33
72	6.3	0.8	33
96	7.4	1.1	49
144	8.4	2.0	62

Fibre Count	Maximum Crush Resistance kN/100mm	Operating Temperature °C (°F)	Installation Temperature °C (°F)	Storage Temperature °C (°F)	Minimum Bend Radius	
					Installation	Long Term
6 -72	1.0	-10 to 70 (-14 to 158)	0 to 50 (32 to 158)	-20 to 70 (-4 to 158)	20 x Cable OD	10 x Cable OD
96	1.5					
144	2.0					

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