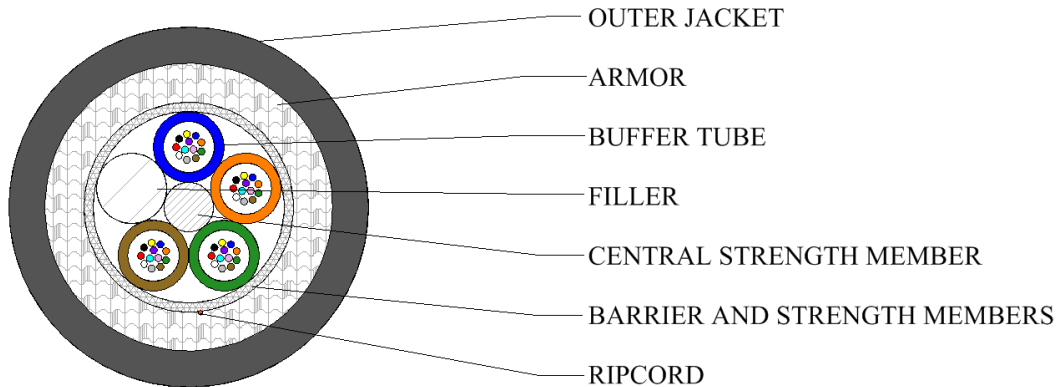


Loose Tube Single Jacket, Armored Cable

Revision Number: 3 Revision Date: 09/20/16



Glass Type	OM1 - 62.5/125µm Multi-Mode	OM2 - 50/125µm Multi-Mode	OM3 - 50/125µm Multi-Mode	OM4 - 50/125µm Multi-Mode	OS2 - Single Mode ²	OS2 - Single Mode ³
Fiber Grade Code (x)	1	2	3	4	S	D
Operating Wavelength (nm)	850/1300	850/1300	850/1300	850/1300	1310/1550	1310/1550
Min. OFL ¹ Bandwidth (MHz-km)	200/500	700/500	1500/500	3500/500	-	-
Min. Laser Bandwidth ⁴ (MHz-km)	220/-	950/-	2000/-	4700/-	-	-
Max Attenuation (dB/km)	3.5/1.2	3.5/1.2	3.5/1.2	3.5/1.2	0.35/0.25	0.35/0.25
1 Gigabit Ethernet Min. Link Length (meters)	275/550	600/600	1000/550	1100/550	5000/-	5000/-
10 Gigabit Ethernet Min. Link Length (meters)	33/0	82/0	300/0	4000/-	10,000/40,000	10,000/40,000

1. OFL – Overfilled Launch
 2. Low water peak Single-mode suitable for CWDM use complies with ITU G.652c/d + G657.a1
 3. Low water peak Single-mode suitable for CWDM use complies with ITU G.652c/d
 4. Effective Modal Bandwidth, determined by RML or DMD performance specifications

Physical Specifications	
Fiber Type:	See attached tables
Buffer:	No Tight Buffer
Assembly:	Color coded fibers in a water blocked tube
Strength members:	Aramid / E-Glass (central member)
Subunit Jacket Material:	Thermoplastic
Armor:	Corrugated Steel Tape
Jacket Material:	Thermoplastic

Fiber	
1	Blue
2	Orange
3	Green
4	Brown
5	Gray
6	White
7	Red
8	Black
9	Yellow
10	Violet
11	Pink
12	Aqua

Temperature Ranges:	
	Outdoor
Operating Temp	-40 to +70°C
Storage Temp	-40 to +75°C
Installation Temp	-30 to +60°C

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Outdoor Dry Block Tubes								
Fiber Count	Part Number ⁵	Jacket Color	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbs (N)	Max. Long Term Load lbs (N)	Min. Bend Radius Load in (cm)	Min. Long Term Bend Radius in (cm)
6	FSxL0066C	Black	0.5 (12.7)	94 (42.7)	600 (2670)	180 (800)	7.8 (20)	3.9 (10)
12	FSxL0126D	Black	0.5 (12.7)	94 (42.7)	600 (2670)	180 (800)	7.8 (20)	3.9 (10)
24	FSxL0246D	Black	0.5 (12.7)	94 (42.7)	600 (2670)	180 (800)	7.8 (20)	3.9 (10)
36	FSxL0366D	Black	0.5 (12.7)	94 (42.7)	600 (2670)	180 (800)	7.8 (20)	3.9 (10)
48	FSxL0486D	Black	0.5 (12.7)	94 (42.7)	600 (2670)	180 (800)	7.8 (20)	3.9 (10)
72	FSxL0726D	Black	0.53 (13.5)	105 (47.7)	600 (2670)	180 (800)	8.4 (21)	4.2 (11)
96	FSxL0966D	Black	0.59 (15.0)	127 (57.7)	600 (2670)	180 (800)	9.6 (25)	4.8 (12)
144	FSxL1446D	Black	0.73 (18.6)	182 (82.6)	600 (2670)	180 (800)	12.4 (32)	3.2 (16)

⁵ Substitute (x) with Fiber Grade Code

Outdoor Gel Filled Tubes								
Fiber Count	Part Number ⁵	Jacket Color	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbs (N)	Max. Long Term Load lbs (N)	Min. Bend Radius Load in (cm)	Min. Long Term Bend Radius in (cm)
6	FSxL0066F	Black	0.45 (11.4)	99 (44.9)	600 (2670)	200 (890)	9.0 (23)	4.5 (12)
12*	FSxL0126F	Black	0.45 (11.4)	99 (44.9)	600 (2670)	200 (890)	9.0 (23)	4.5 (12)
12	FSxL0126G	Black	0.52 (13.3)	102 (46.3)	600 (2670)	200 (890)	10.7 (28)	5.4 (14)
24*	FSxL0246F	Black	0.45 (11.4)	99 (44.9)	600 (2670)	200 (890)	9.0 (23)	4.5 (12)
24	FSxL0246G	Black	0.52 (13.3)	102 (46.3)	600 (2670)	200 (890)	10.7 (28)	5.4 (14)
36*	FSxL0366F	Black	0.45 (11.4)	99 (44.9)	600 (2670)	200 (890)	9.0 (23)	4.5 (12)
36	FSxL0366G	Black	0.52 (13.3)	102 (46.3)	600 (2670)	200 (890)	10.7 (28)	5.4 (14)
48	FSxL0486G	Black	0.57 (14.4)	137 (62.1)	600 (2670)	200 (890)	11.4 (29)	5.7 (14)
72	FSxL0726G	Black	0.57 (14.4)	137 (62.1)	600 (2670)	200 (890)	11.4 (29)	5.7 (14)
96	FSxL0966G	Black	0.63 (16.1)	147 (66.7)	600 (2670)	200 (890)	12.8 (33)	6.4 (16.3)
144	FSxL1446G	Black	0.78 (19.9)	214 (97.1)	600 (2670)	200 (890)	15.7 (40)	7.9 (20)

* 6F/Tube Design

⁵ Substitute (x) with Fiber Grade Code

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