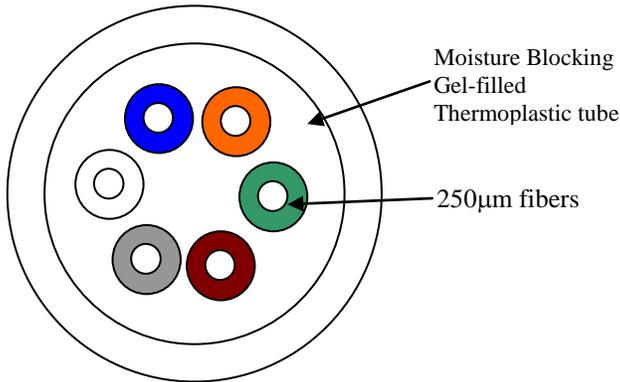
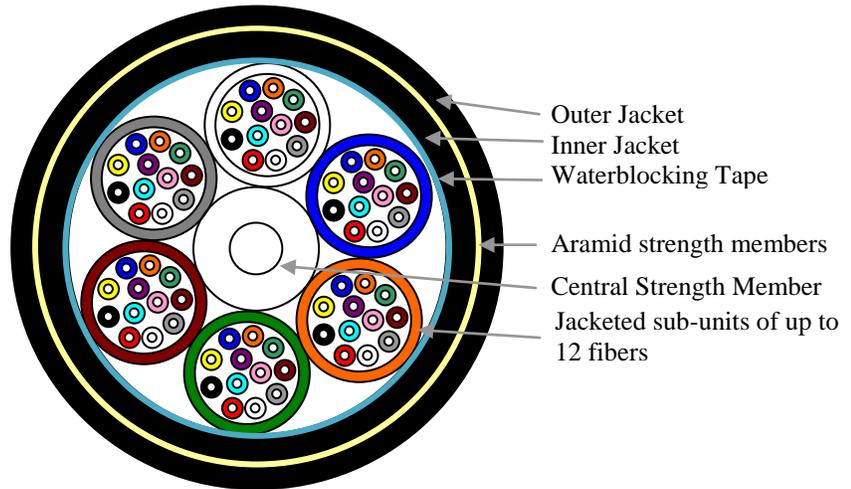


Loose Tube, Heavy-Duty, Double Jacket Cable

Revision Number: 9 Revision Date: 10/24/16



Sub-unit Detail



Glass Type	OM1 62.5/125µm Multimode	OM2 50/125µm Multimode	OM3 50/125µm Multimode	OM4 50/125µm Multimode	OS2 Single-mode ²
Fiber Grade Code (x)	1	2	3	4	S
Legacy Fiber Grade Code (x)	B	A	C	E	W
Operating Wavelength (nm)	850/1300	850/1300	850/1300	850/1300	1310/1550
Min. OFL ¹ Bandwidth (MHz-km)	200/500	500/500	1500/500	3500/500	-
Min. Laser Bandwidth ³ (MHz-km)	220/-	950/-	2000/-	4700/-	-
Max Attenuation (dB/km)	3.5/1.2	3.0/1.0	3.0/1.0	3.0/1.0	.35/.25
1 Gigabit Ethernet Min. Link Length (meters)	275/550	600/600	1000/550	1100/550	5000/-
10 Gigabit Ethernet Min. Link Length (meters)	33/-	82/-	300/-	400/-	10,000/-

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

1. OFL – Overfilled Launch
 2. Low water peak Single-mode suitable for CWDM use; complies with ITU G.652.c/d & G.657.a1
 3. Effective Modal Bandwidth, determined by RML or DMD performance specifications

Physical Specifications	
Fiber Type:	See attached tables
Buffer Type:	Loose tube – gel-filled
Assembly:	Color coded fibers in color coded loose tubes, around a central member
Strength members:	Aramid / E-Glass (central member)
Inner Jacket Material:	Thermoplastic
Outer Jacket Material:	Thermoplastic

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

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Outdoor									
Fiber Count	SPN Part Number ⁴	Legacy Part Number ⁵	Jacket Color	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Tensile Load Install lbs (N)	Max. Tensile Load Long Term lbs (N)	Min. Bend Radius Load in (cm)	Min. Bend Radius Long Term in (cm)
2	FSxH002NL	B9z840	Black	0.44 (11.2)	79 (117)	600 (2670)	200 (890)	8.8 (22.4)	4.4 (11.2)
4	FSxH004NM	B9z841	Black	0.44 (11.2)	79 (117)	600 (2670)	200 (890)	8.8 (22.4)	4.4 (11.2)
6*	FSxH006NF	B9z842	Black	0.44 (11.2)	79 (117)	600 (2670)	200 (890)	8.8 (22.4)	4.4 (11.2)
8	FSxH008NN	B9z843	Black	0.44 (11.2)	79 (117)	600 (2670)	200 (890)	8.8 (22.4)	4.4 (11.2)
12*	FSxH012NF	B9z844	Black	0.44 (11.2)	79 (117)	600 (2670)	200 (890)	8.8 (22.4)	4.4 (11.2)
12	FSxH012NG	N/A	Black	0.49 (12.4)	84 (124)	600 (2670)	200 (890)	9.8 (24.9)	4.9 (12.5)
18*	FSxH018NF	B9z845	Black	0.44 (11.2)	79 (117)	600 (2670)	200 (890)	8.8 (22.4)	4.4 (11.2)
24*	FSxH024NF	B9z846	Black	0.44 (11.2)	79 (117)	600 (2670)	200 (890)	8.8 (22.4)	4.4 (11.2)
24	FSxH024NG	N/A	Black	0.49 (12.4)	84 (124)	600 (2670)	200 (890)	9.8 (24.9)	4.9 (12.5)
36*	FSxH036NF	B9z847	Black	0.44 (11.2)	79 (117)	600 (2670)	200 (890)	8.8 (22.4)	4.4 (11.2)
36	FSxH036NG	N/A	Black	0.49 (12.4)	84 (124)	600 (2670)	200 (890)	9.8 (24.9)	4.9 (12.5)
48	FSxH048NG	B9z848	Black	0.54 (13.7)	121 (180)	600 (2670)	200 (890)	10.8 (27.4)	5.4 (13.7)
72	FSxH072NG	B9z849	Black	0.54 (13.7)	121 (180)	600 (2670)	200 (890)	10.8 (27.4)	5.4 (13.7)
96	FSxH096NG	B9z820	Black	0.62 (15.7)	159 (237)	600 (2670)	200 (890)	12.4 (31.5)	6.2 (15.7)
144	FSxH144NG	B9z821	Black	0.75 (19.0)	185 (275)	600 (2670)	200 (890)	15 (38.1)	7.5 (19.0)
216	FSxH216NG	B9z822	Black	0.76 (19.3)	188 (279)	600 (2670)	200 (890)	15.2 (38.6)	7.6 (19.3)

4 Substitute (x) with Fiber Grade Code
5 Substitute (z) with Legacy Fiber Grade Code
*6F/Tube Design