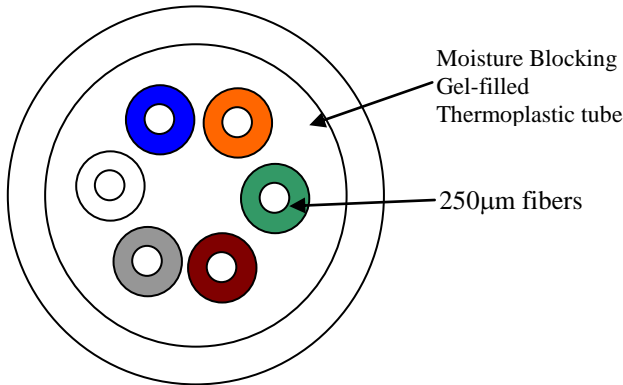
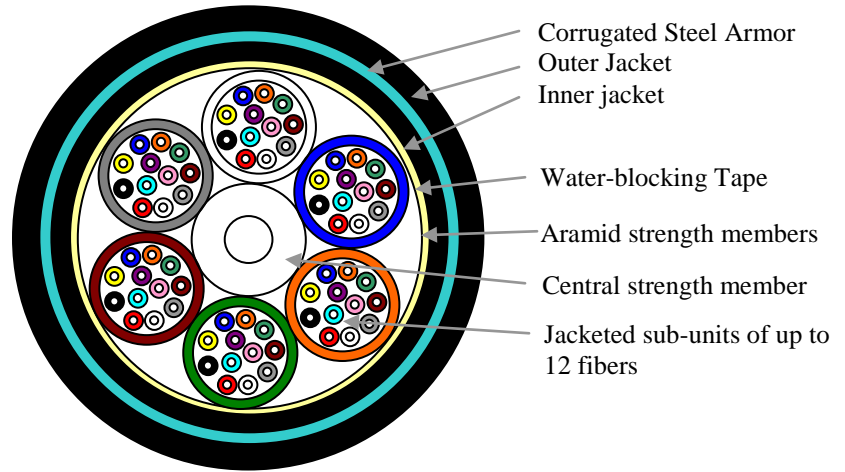


Loose Tube Double Jacket, Armored Cable

Revision Number: 16 Revision Date: 9/19/16



Sub-Unit Detail



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
Fiber Grade Code (x)	1	2	3	4	S
Legacy Fiber Grade Code (z)	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	3.5/1.2	3.5/1.2	3.5/1.2	0.35/0.25
1 Gigabit Ethernet Min. Link Length (meters)	275/550	600/600	1000/550	1100/550	5000/-
10 Gigabit Ethernet Min. Link Length (meters)	33/0	82/0	300/0	4000/-	10,000/40,000

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

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

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

Temperature Ranges:		
	Outdoor	In/Outdoor OFNR
Operating Temp	-40 to +70°C	-40 to +70°C
Storage Temp	-40 to +75°C	-40 to +80°C
Installation Temp	-30 to +60°C	-30 to +60°C

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Loose Tube Double Jacket, Armored Cable

Revision Number: 16 Revision Date: 9/19/16

Outdoor									
Fiber Count	Part Number ⁵	Legacy Part Number ⁶	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*	FSxH0066F	B9z381T	Black	0.59 (15.0)	128 (190)	600 (2670)	180 (800)	10.6 (26.9)	8.0 (20.3)
12*	FSxH0126F	B9z382T	Black	0.53 (13.5)	121 (180)	600 (2670)	180 (800)	10.6 (26.9)	8.0 (20.3)
12	FSxH0126G	N/A	Black	0.59 (15.0)	128 (190)	600 (2670)	180 (800)	10.6 (26.9)	8.0 (20.3)
24*	FSxH0246F	B9z384T	Black	0.53 (13.5)	121 (180)	600 (2670)	180 (800)	10.6 (26.9)	8.0 (20.3)
24	FSxH0246G	N/A	Black	0.59 (15.0)	128 (190)	600 (2670)	180 (800)	10.6 (26.9)	8.0 (20.3)
36*	FSxH0366F	B9z386T	Black	0.53 (13.5)	121 (180)	600 (2670)	180 (800)	10.6 (26.9)	8.0 (20.3)
36	FSxH0366G	N/A	Black	0.59 (15.0)	128 (190)	600 (2670)	180 (800)	10.6 (26.9)	8.0 (20.3)
48	FSxH0486G	B9z389T	Black	0.59 (15.0)	128 (190)	600 (2670)	180 (800)	13.0 (33.0)	9.8 (24.8)
72	FSxH0726G	B9z391T	Black	0.62 (16.9)	143 (212)	600 (2670)	180 (800)	13.0 (33.0)	9.8 (24.8)
96	FSxH0966G	B9z398T	Black	0.69 (17.6)	169 (252)	600 (2670)	180 (800)	13.8 (35.0)	10.4 (26.4)
144	FSxH1446G	B9z393T	Black	0.83 (21.2)	234 (348)	600 (2670)	180 (800)	17.4 (44.1)	13.1 (33.2)

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

Indoor/Outdoor UL Type OFCR / C(UL) OFC FT4									
Fiber Count	Part Number ⁵	Legacy Part Number ⁶	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*	FDxH0065F	B9z890	Black	0.54 (12.9)	107 (159)	600 (2670)	180 (800)	10.8 (27.4)	8.1 (20.5)
12*	FDxH0125F	B9z891	Black	0.54 (13.7)	150 (223)	600 (2670)	180 (800)	10.8 (27.4)	8.1 (20.5)
12	FDxH0125G	N/A	Black	0.51 (12.9)	107 (159)	600 (2670)	180 (800)	10.8 (27.4)	8.1 (20.5)
24*	FDxH0245F	B9z892	Black	0.54 (13.7)	150 (223)	600 (2670)	180 (800)	10.8 (27.4)	8.1 (20.5)
24	FDxH0245G	N/A	Black	0.51 (12.9)	107 (159)	600 (2670)	180 (800)	10.8 (27.4)	8.1 (20.5)
36*	FDxH0365F	B9z893	Black	0.54 (13.7)	150 (223)	600 (2670)	180 (800)	10.8 (27.4)	8.1 (20.5)
36	FDxH0365G	N/A	Black	0.51 (12.9)	107 (159)	600 (2670)	180 (800)	10.8 (27.4)	8.1 (20.5)
48	FDxH0485G	B9z894	Black	0.51 (12.9)	107 (159)	600 (2670)	180 (800)	12.4 (31.4)	9.3 (23.6)
72	FDxH0725G	B9z895	Black	0.54 (13.7)	128 (190)	600 (2670)	180 (800)	12.4 (31.4)	9.3 (23.6)
96	FDxH0965G	B9z896	Black	0.61 (15.5)	159 (237)	600 (2670)	180 (800)	14.0 (35.5)	10.5 (26.6)
144	FDxH1445G	B9z897	Black	0.76 (19.3)	243 (361)	600 (2670)	180 (800)	17.6 (44.7)	13.2 (33.5)

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