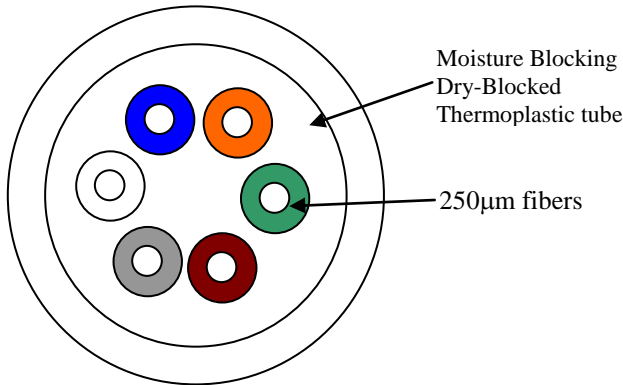
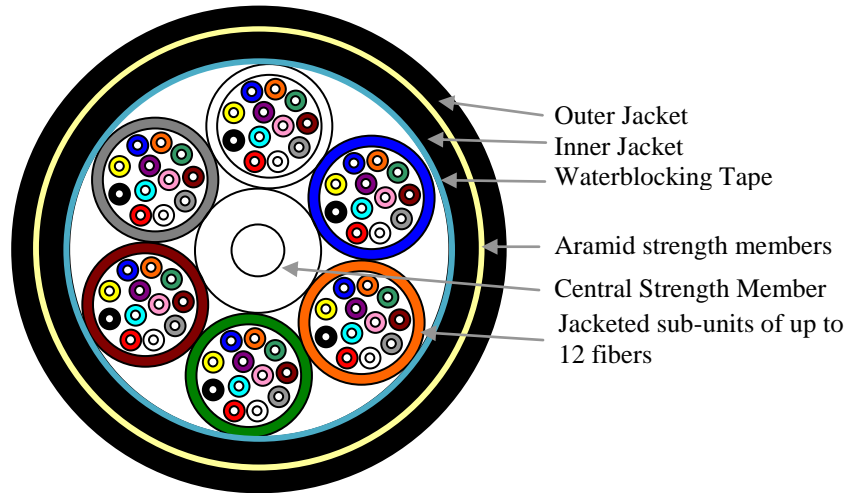


# Loose Tube, Double Jacket Cable, Arctic Cable

Revision Number: 0 Revision Date: 07/25/16



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 <sup>2</sup>
Fiber Grade Code (x)	1	2	3	4	S
Operating Wavelength (nm)	850/1300	850/1300	850/1300	850/1300	1310/1550
Min. OFL <sup>1</sup> Bandwidth (MHz-km)	200/500	500/500	1500/500	3500/500	-
Min. Laser Bandwidth <sup>3</sup> (MHz-km)	220/-	950/-	2000/-	4700/-	-
Max Attenuation (dB/km)	3.5/1.2	2.9/0.9	2.9/0.9	2.9/0.9	.35/.25
1 Gigabit Ethernet Min. Link Length (meters)	300/550	600/600	900/550	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-free
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	-55 to +70°C
Storage Temp	-60 to +75°C
Installation Temp	-30 to +50°C

**Loose Tube, Double Jacket Cable, Arctic Cable**

Revision Number: 0 Revision Date: 07/25/16

**Indoor/Outdoor UL Type OFNG-LS / CSA-FT4**

Fiber Count	SPN Part Number <sup>4</sup>	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	FDxA002MD	Black	0.575 (14.6)	140 (209)	990 (4400)	290 (1300)	13 (33.02)	6 (15.2)
12	FDxA012MD	Black	0.575 (14.6)	140 (209)	990 (4400)	290 (1300)	13 (33.02)	6 (15.2)
24	FDxA024MD	Black	0.575 (14.6)	139 (207)	990 (4400)	290 (1300)	13 (33.02)	6 (15.2)
48	FDxA048MD	Black	0.575 (14.6)	136 (202)	990 (4400)	290 (1300)	13 (33.02)	6 (15.2)
72	FDxA072MD	Black	0.575 (14.6)	133 (197)	990 (4400)	290 (1300)	13 (33.02)	6 (15.2)
96	FDxA096MD	Black	0.638 (16.2)	156 (233)	990 (4400)	290 (1300)	15 (32.6)	6 (15.2)
144	FDxA144MD	Black	0.776 (19.7)	199 (297)	990 (4400)	290 (1300)	18 (39.6)	8 (19.7)
288	FDxA288MD	Black	0.890 (22.6)	264 (393)	990 (4400)	290 (1300)	20 (45.4)	9 (22.7)

<sup>4</sup> Substitute (x) with Fiber Grade Code