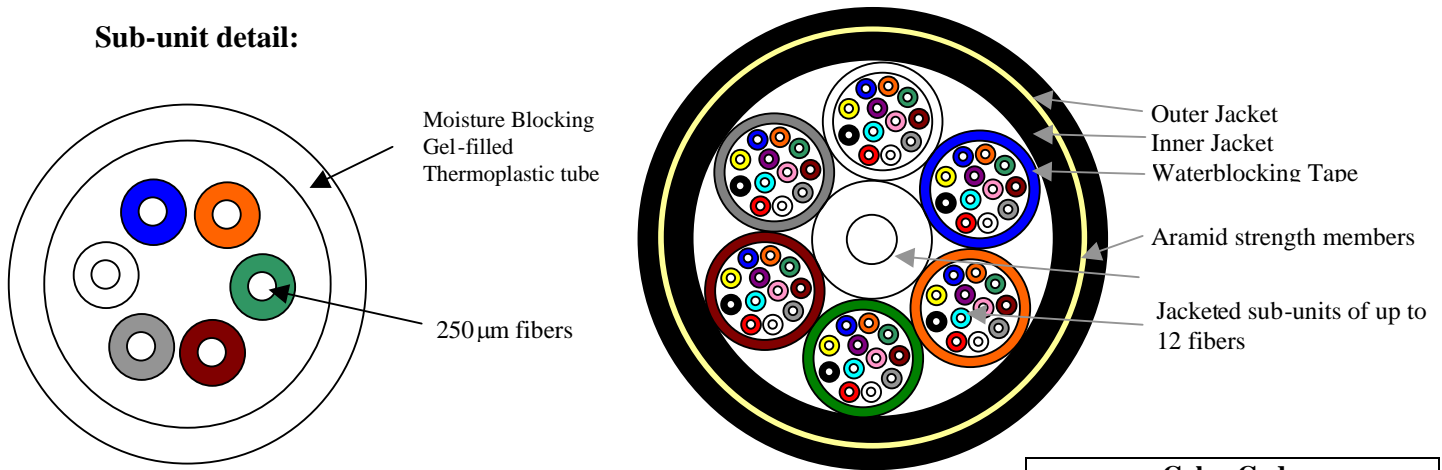


# Loose Tube, Heavy-Duty, Double Jacket Cable

Revision Number: 2 Revision Date: 08/18/10

## Sub-unit detail:



Glass Type	OM2 - 50/125µm Multi-Mode	OM1 - 62.5/125µm Multi-Mode	OM3 - 50/125µm Multi-Mode	OS2 - Single Mode <sup>3</sup>
Part Number Code (x)	A (1 Gigabit Ethernet)	B (1 Gigabit Ethernet)	C (10 Gigabit Ethernet)	W
Operating Wavelength (nm)	850/1300	850/1300	850/1300	1300/1550
Min. OFL <sup>1</sup> Bandwidth (MHz-km)	500/500	200/600	1500/500	-
Max Attenuation (dB/km)	3.5/1.2	3.5/1.2	3.0/1.2	0.5/0.5
100 Megabit Ethernet Min. Link Length (meters S/L <sup>2</sup> )	>300/>2000	>300/>2000	>300/>2000	-
1 Gigabit Ethernet Min. Link Length (meters S/L <sup>2</sup> )	600/600	300/550	1000/550	5000/-
10 Gigabit Ethernet Min. Link Length (meters S/L <sup>2</sup> )	82/-	32/-	300/-	10000/-

1. OFL – Overfilled Launch  
 2. S/L/E – Short wavelength (850nm) / Long wavelength (1310nm)/Extra Long Wavelength (1550nm)  
 3. Low water peak Single-mode suitable for CWDM use complies with ITU G.652c/d

Color Code		
	Fiber:	Sub-unit Jackets
1	Blue	Blue
2	Orange	Orange
3	Green	Green
4	Brown	Brown
5	Gray	Gray
6	White	White
7	Red	Red
8	Black	Black
9	Yellow	Yellow
10	Violet	Violet
11	Pink	Pink
12	Aqua	Aqua
13	Blue/White	
14	Orange/Black	
15	Green/Black	
16	Brown/Black	
17	Gray/Black	
18	White/Black	
19	Red/Black	
20	Black/White	
21	Yellow/Black	
22	Violet/Black	
23	Pink/Black	
24	Aqua/Black	

Physical Specifications	
<b>Fiber Type:</b>	See attached tables
<b>Buffer:</b>	Thermoplastic
<b>Assembly:</b>	Color Coded Fibers inside a Buffer Tube
<b>Jacket Materials:</b>	Polyethylene
<b>Listing</b>	None

## Double Jacket, Heavy-Duty Cable

Outside Plant											
Fiber Count	Part Number <sup>4</sup>	Jacket Color <sup>4</sup>	Nom. Jacket Dia.	Weight / 1000ft	Max. Install Load (lbs)	Max. Long Term Load (lbs)	Min. Bend Radius Load	Min. Long Term Bend Radius	Operating Temp.	Storage Temp.	Install Temp.
2	B9x840	Black	.490"	84 lbs	600	200	9.8"	4.9"	-40°C to +70°C	-40°C to +75°C	-30°C to +70°C
4	B9x841	Black	.490"	84 lbs	600	200	9.8"	4.9"	-40°C to +70°C	-40°C to +75°C	-30°C to +70°C
6	B9x842	Black	.490"	84 lbs	600	200	9.8"	4.9"	-40°C to +70°C	-40°C to +75°C	-30°C to +70°C
8	B9x843	Black	.490"	84 lbs	600	200	9.8"	4.9"	-40°C to +70°C	-40°C to +75°C	-30°C to +70°C
12	B9x844	Black	.490"	84 lbs	600	200	9.8"	4.9"	-40°C to +70°C	-40°C to +75°C	-30°C to +70°C
18	B9x845	Black	.490"	84 lbs	600	200	9.8"	4.9"	-40°C to +70°C	-40°C to +75°C	-30°C to +70°C
24	B9x846	Black	.490"	84 lbs	600	200	9.8"	4.9"	-40°C to +70°C	-40°C to +75°C	-30°C to +70°C
36	B9x847	Black	.490"	84 lbs	600	200	9.8"	4.9"	-40°C to +70°C	-40°C to +75°C	-30°C to +70°C
48	B9x848	Black	.490"	84 lbs	600	200	9.8"	4.9"	-40°C to +70°C	-40°C to +75°C	-30°C to +70°C
72	B9x849	Black	.530"	97 lbs	600	200	10.6"	5.3"	-40°C to +70°C	-40°C to +75°C	-30°C to +70°C
96	B9x820	Black	.600"	113 lbs	600	200	12.0"	6.0"	-40°C to +70°C	-40°C to +75°C	-30°C to +70°C
144	B9x821	Black	.750"	152 lbs	600	200	15.0"	7.5"	-40°C to +70°C	-40°C to +75°C	-30°C to +70°C
216	B9x822	Black	.760"	187 lbs	600	200	15.2"	7.6"	-40°C to +70°C	-40°C to +75°C	-30°C to +70°C

<sup>4</sup> Substitute (x) with part number code listed above.

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