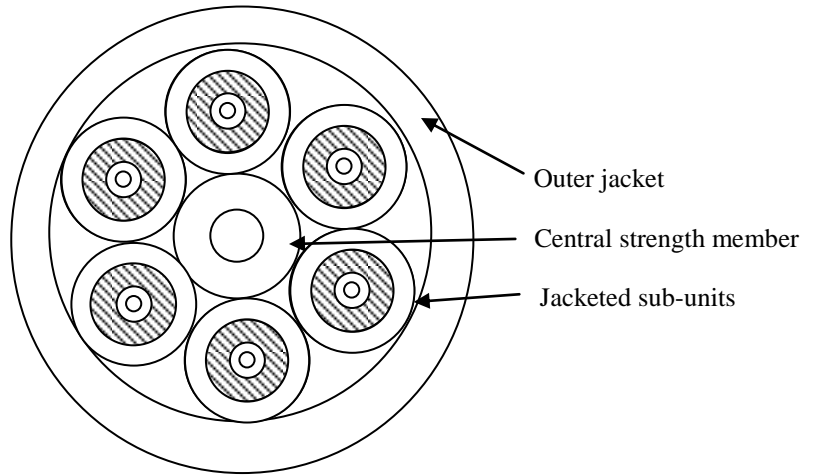
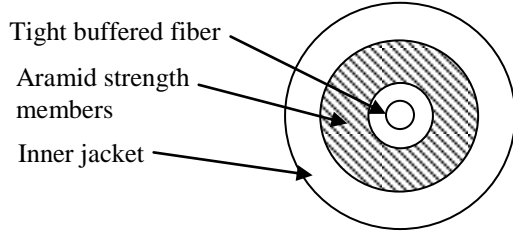


**Breakout Style Cable**

Revision Number: 29 Revision Date: 03/03/17

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 <sup>2</sup>
Fiber Grade Code (x)	1	2	3	4	S
Legacy Fiber Grade Code (z)	B	A	C	E	W
Jacket & Subunit Color	Orange	Orange	Aqua	Erika Violet <sup>4</sup>	Yellow
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	3.5/1.5	3.25/1.2	3.0/1.2	0.5/0.5
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/-	10,000/40,000

1. OFL – Overfilled Launch  
 2. Low water peak Single-mode suitable for CWDM use complies with ITU G.652c/d and G657-a1  
 3. Effective Modal Bandwidth, determined by RML or DMD performance specifications  
 4. OM4 is available in aqua upon request.

Physical Specifications	
<b>Fiber Type:</b>	See above tables
<b>Buffer:</b>	Type: Thermoplastic Tight Buffer Diameter: 900 +35µm/-50µm
<b>Assembly:</b>	Natural Fibers with strength members
<b>Strength members:</b>	Aramid
<b>Subunit Jacket Material:</b>	Thermoplastic, same color as outer jacket, numbered
<b>Jacket Material:</b>	Thermoplastic
<b>Listing:</b>	See attached tables

Temperature Ranges:			
	OFNR	OFNP	LSZH OFNR
<b>Operating Temp</b>	-20 to +70°C	0 to +70°C	0 to +70°C
<b>Storage Temp</b>	-40 to +70°C	-40 to +70°C	-40 to +70°C
<b>Installation Temp</b>	-10 to +60°C	0 to +60°C	0 to +60°C

## Breakout Style Cable

Revision Number: 29 Revision Date: 03/03/17

### 2.0mm Subunit - UL Type OFNR / C(UL) OFN FT4

Fiber Count	Part Number <sup>5</sup>	Legacy Part Number <sup>6</sup>	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)
2	FIxB002RB	B9z005	See table	0.26 (6.6)	24 (35)	180 (800)	90 (400)	3.9 (9.9)	2.6 (6.6)
4	FIxB004RB	B9z006	See table	0.32 (8.1)	35 (52)	345 (1530)	170 (760)	4.8 (12.1)	3.2 (8.1)
6	FIxB006RB	B9z007	See table	0.35 (8.8)	53 (78)	465 (2070)	230 (1020)	5.4 (13.7)	3.6 (9.1)
10	FIxB010RB	B9z009	See table	0.45 (11)	89 (132)	600 (2670)	300 (1330)	6.8 (17.2)	4.5 (11.4)
12	FIxB012RB	B9z010	See table	0.51 (12)	110 (163)	600 (2670)	300 (1330)	7.7 (19.5)	5.1 (12.9)

5 Substitute (x) with Fiber Grade Code  
6 Substitute (z) with Legacy Fiber Grade Code  
\* 2.5 mm and 2.9 mm subunits available

### 2.0mm Subunit – Indoor– LSZH - UL Type OFNR / C(UL) OFN FT4

Fiber Count	Part Number <sup>5</sup>	Legacy Part Number <sup>6</sup>	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)
2	FIxB002LB	B9z130	Black	0.26 (6.6)	23 (34)	180 (800)	90 (400)	3.9 (9.9)	2.6 (6.6)
4	FIxB004LB	B9z131	Black	0.32 (8.1)	35 (52)	345 (1530)	170 (760)	4.8 (12.1)	3.2 (8.1)
6	FIxB006LB	B9z132	Black	0.35 (8.8)	50 (74)	465 (2070)	230 (1020)	5.4 (13.7)	3.6 (9.1)
10	FIxB010LB	B9z134	Black	0.45 (11)	94 (139)	600 (2670)	300 (1330)	6.8 (17.2)	4.5 (11.4)
12	FIxB012LB	B9z135	Black	0.51 (12)	118 (175)	600 (2670)	300 (1330)	7.7 (19.5)	5.1 (12.9)

5 Substitute (x) with Fiber Grade Code  
6 Substitute (z) with Legacy Fiber Grade Code  
\* 2.5 mm and 2.9 mm subunits available  
Indoor/Outdoor ABS approved LSZH Breakouts also available

### 2.0mm Subunit - UL Type OFNP / C(UL) OFNP FT6

Fiber Count	Part Number <sup>5</sup>	Legacy Part Number <sup>6</sup>	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)
2	FIxB002PB	B9z013	See table	0.23 (5.8)	20 (29)	180 (800)	90 (400)	3.5 (8.8)	2.3 (5.8)
4	FIxB004PB	B9z014	See table	0.263 (6.6)	29 (43)	345 (1530)	170 (760)	3.9 (9.9)	2.6 (6.6)
6	FIxB006PB	B9z015	See table	0.309 (7.8)	41 (61)	465 (2070)	230 (1020)	4.6 (11.6)	3.1 (7.8)
10	FIxB010PB	B9z017	See table	0.395 (10)	74 (110)	600 (2670)	300 (1330)	5.9 (14.9)	4.0 (10.1)
12	FIxB012PB	B9z018	See table	0.443 (11)	94 (139)	600 (2670)	300 (1330)	6.6 (16.7)	4.4 (11.1)

5 Substitute (x) with Fiber Grade Code  
6 Substitute (z) with Legacy Fiber Grade Code  
\* 2.5 mm and 2.9 mm subunits available