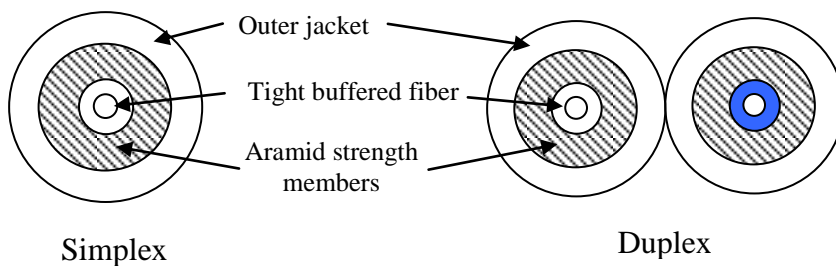


Simplex & Duplex Fiber Optic Cable

Revision Number: 10 Revision Date: 2/29/2016



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 (z)	B	A	C	E	W
Jacket Color	Orange	Orange	Aqua	Erika Violet ⁴	Yellow
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/-	900/-	2000/-	4700/-	-
Max Attenuation (dB/km)	3.5/1.25	3.5/1.2	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.652.c/d & G.657.a1
3. Effective Modal Bandwidth, determined by RML or DMD performance specifications
4. OM4 is available in aqua upon request

Physical Specifications	
Fiber Type:	See table above
Buffer Type:	Thermoplastic Tight Buffer Diameter: 900 +35µm/-50µm
Assembly:	Color coded fibers with strength members
Strength members:	Aramid
Jacket Material:	PVC
Listing	See attached tables

Temperature Ranges		
	Indoor OFNR	Indoor OFNP
Operating Temp	0 to +70°C	0 to +70°C
Storage Temp	-40 to +70°C	-40 to +70°C
Installation Temp	-10 to +60°C	0 to +60°C

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Simplex & Duplex Fiber Optic Cable

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UL Type OFNR / C(UL) OFNR FT4

Fiber Count	Part Number ^{5,7}	Legacy Part Number (OM1)	Legacy Part Number ⁶	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)
1	FIxI001RC	B97112	B9z001	See Table	0.11 (2.7)	5 (7)	50 (220)	15 (70)	1.6 (4.0)	1.1 (2.7)
1	FIxI001RB	N/A	N/A	See Table	0.08 (2.0)	3 (4)	50 (220)	15 (70)	1.2 (3.0)	0.8 (2.0)
2	FIxI002RC	B96915	B9z002	See Table	.11 x .22 (2.7 x 5.5)	10 (14)	50 (220)	15 (70)	1.6 (4.0)	1.1 (2.7)
2	FIxI002RB	N/A	N/A	See Table	.08 x .16 (2.7 x 4.0)	7 (10)	50 (220)	15 (70)	1.2 (3.0)	0.8 (2.0)

5 Substitute (x) with Fiber Grade Code
6 Substitute (z) with Legacy Fiber Grade Code
7 For Aqua versions of OM4 cable, add "A" to the end of the Part Number

UL Type OFNP / C(UL) OFNP FT6

Fiber Count	Part Number ^{5,7}	Legacy Part Number (OM1)	Legacy Part Number ⁶	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)
1	FIxI001PC	B98086	B9z003	See Table	0.11 (2.7)	6 (8)	50 (220)	15 (70)	1.6 (4.0)	1.1 (2.7)
1	FIxI001PB	N/A	N/A	See Table	0.08 (2.0)	4 (5)	50 (220)	15 (70)	1.2 (3.0)	0.8 (2.0)
2	FIxI002PC	B96919	B9z004	See Table	.11 x .22 (2.7 x 5.5)	13 (19)	50 (220)	15 (70)	1.6 (4.0)	1.1 (2.7)
2	FIxI002PB	N/A	N/A	See Table	.08 x .16 (2.7 x 4.0)	7 (10)	50 (220)	15 (70)	1.2 (3.0)	0.8 (2.0)

5 Substitute (x) with Fiber Grade Code
6 Substitute (z) with Legacy Fiber Grade Code
7 For Aqua versions of OM4 cable, add "A" to the end of the Part Number