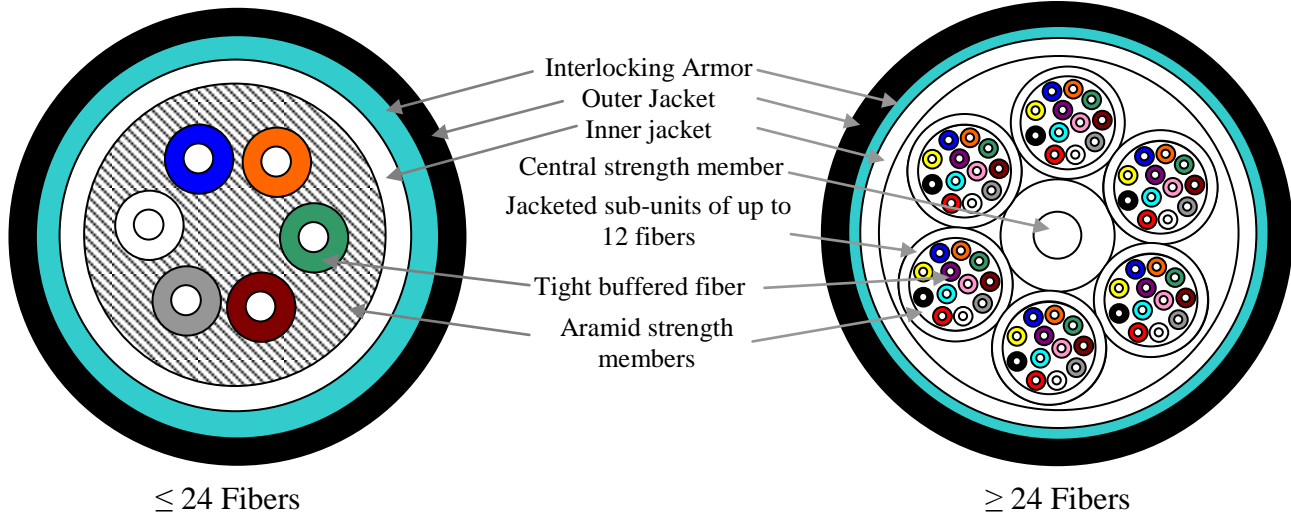


Double Jacketed, Interlocked Armor Distribution Cable

Revision Number: 17 Revision Date: 05/13/16



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 & Sub-unit Color	Orange	Orange	Aqua	Erika Violet ⁴	Yellow
Operating Wavelength (nm)	850/1300	850/1300	850/1300	850/1300	1310/1550
Min. OFL¹ Bandwidth (MHz-km)	200/500	500/500	1500/500	3500/500	-
Min. Laser Bandwidth³ (MHz-km)	220/-	950/-	2000/-	4700/-	-
Max Attenuation (dB/km)	3.5/1.25	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

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.652.c/d & G.657.a1
- Effective Modal Bandwidth, determined by RML or DMD performance specifications
- OM4 is available in aqua upon request.

Physical Specifications	
Fiber Type:	See tables above
Buffer:	Type: Thermoplastic Tight Buffer Diameter: 900 +35µm/-50µm
Assembly:	Color coded fibers with strength members
Strength members:	Aramid
Sub-unit Jacket Material:	Thermoplastic, same colors as outer jacket, numbered
Armor:	Interlocking Aluminum
Jacket Material:	Thermoplastic
Listing:	See attached tables

Temperature Ranges				
	Indoor OFCR	Indoor OFCP	Indoor/ Outdoor OFCR	Indoor/ Outdoor OFCP
Operating Temp	-20 to +70°C	0 to +70°C	-40 to +70°C	-40 to +70°C
Storage Temp	-40 to +70°C	-40 to +70°C	-40 to +70°C	-40 to +70°C
Installation Temp	-10 to +60°C	0 to +60°C	-20 to +70°C	-20 to +70°C

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Double Jacketed, Interlocked Armor Distribution Cable

Revision Number: 17 Revision Date: 05/13/16

Indoor UL Type OFCR / C(UL) OFC FT4									
Fiber Count	Part Number ^{5,7}	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)
6	FIxD006F9	B9z230	See table	0.57 (14.4)	136 (202)	270 (1200)	81 (360)	11.4 (28.9)	8.6 (21.8)
12	FIxD012F9	B9z231	See table	0.62 (15.7)	120 (178)	300 (1330)	90 (400)	12.4 (31.4)	9.3 (23.6)
24*	FIxD024F9	B9z232	See table	0.67 (17.0)	179 (266)	300 (1330)	90 (400)	13.4 (34.0)	10.1 (25.6)
24	FIxD024FJ	B9z233	See table	0.84 (21.4)	271 (403)	600 (2670)	200 (890)	16.9 (42.9)	12.7 (32.2)
36	FIxD036FJ	B9z234	See table	0.99 (25.2)	350 (520)	600 (2670)	200 (890)	19.9 (50.5)	14.9 (37.8)
48	FIxD048FK	B9z235	See table	0.99 (25.2)	340 (505)	600 (2670)	200 (890)	19.9 (50.5)	14.9 (37.8)
72	FIxD072FK	B9z236	See table	1.14 (29.0)	454 (675)	600 (2670)	200 (890)	22.9 (58.1)	17.2 (43.6)
96	FIxD096FK	B9z237	See table	1.29 (32.8)	595 (885)	600 (2670)	200 (890)	25.9 (65.7)	19.4 (49.2)
144	FIxD144FK	B9z238	See table	1.42 (36.0)	655 (974)	600 (2670)	200 (890)	28.4 (72.1)	21.3 (54.1)

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
* Single jacket design.

Indoor UL Type OFCP / C(UL) OFCP FT6									
Fiber Count	Part Number ^{5,7}	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)
6	FIxD006A9	B9z240	See table	0.50 (12.8)	106 (157)	270 (1200)	81 (360)	10.1 (25.6)	7.6 (19.3)
12	FIxD012A9	B9z241	See table	0.50 (12.8)	112 (166)	300 (1330)	90 (400)	10.1 (25.6)	7.6 (19.3)
24*	FIxD024A9	B9z242	See table	0.63 (16.0)	149 (221)	300 (1330)	90 (400)	12.6 (32.0)	9.5 (24.1)
24	FIxD024AJ	B9z243	See table	0.78 (19.8)	223 (331)	600 (2670)	200 (890)	15.6 (39.6)	11.7 (29.7)
36	FIxD036AJ	B9z244	See table	0.88 (22.3)	282 (419)	600 (2670)	200 (890)	17.6 (44.7)	13.2 (33.5)
48	FIxD048AK	B9z245	See table	0.90 (22.8)	298 (443)	600 (2670)	200 (890)	18.0 (45.7)	13.5 (34.2)
72	FIxD072AK	B9z246	See table	1.05 (26.6)	393 (584)	600 (2670)	200 (890)	21.0 (53.3)	15.8 (40.1)
96	FIxD096AK	B9z247	See table	1.18 (29.9)	537 (799)	600 (2670)	200 (890)	23.6 (59.9)	17.7 (44.9)
144	FIxD144AK	B9z248	See table	1.40 (35.5)	676 (1006)	600 (2670)	200 (890)	28.0 (71.1)	21.0 (53.3)

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
* Single jacket design.

Double Jacketed, Interlocked Armor Distribution Cable

Revision Number: 17 Revision Date: 05/13/16

Indoor/Outdoor UL Type OFCR / C(UL) OFC FT4 / Suitable for Direct Burial

Fiber Count	Part Number ⁵	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)
6	FDxD006F9	B9z230T	Black	0.57 (14.4)	136 (202)	270 (1200)	81 (360)	11.4 (28.9)	8.6 (21.8)
12	FDxD012F9	B9z231T	Black	0.62 (15.7)	146 (217)	300 (1330)	90 (400)	12.4 (31.4)	9.3 (23.6)
24*	FDxD024F9	B9z232T	Black	0.67 (17.0)	172 (255)	300 (1330)	90 (400)	13.4 (34.0)	10.1 (25.6)
24	FDxD024FJ	B9z233T	Black	0.87 (22.0)	263 (391)	600 (2670)	200 (890)	17.4 (44.1)	13.1 (33.2)
36	FDxD036FJ	B9z234T	Black	0.99 (25.2)	355 (528)	600 (2670)	200 (890)	19.9 (50.5)	14.9 (37.8)
48	FDxD048FK	B9z235T	Black	0.99 (25.2)	360 (535)	600 (2670)	200 (890)	19.9 (50.5)	14.9 (37.8)
72	FDxD072FK	B9z236T	Black	1.20 (30.4)	472 (702)	600 (2670)	200 (890)	24.0 (60.9)	18.0 (45.7)
96	FDxD096FK	B9z237T	Black	1.22 (30.9)	587 (873)	600 (2670)	200 (890)	24.4 (61.9)	18.3 (46.4)
144	FDxD144FK	B9z238T	Black	1.37 (34.7)	641 (953)	600 (2670)	200 (890)	27.4 (69.5)	20.6 (52.3)

5 Substitute (x) with Fiber Grade Code
6 Substitute (z) with Legacy Fiber Grade Code
* Single jacket design.

Indoor/Outdoor UL Type OFCP / C(UL) OFCP FT6 / Suitable for Direct Burial

Fiber Count	Part Number ⁵	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)
6	FDxD006A9	B9z240T	Black	0.50 (12.8)	105 (156)	270 (1200)	81 (360)	10.1 (25.6)	7.6 (19.3)
12	FDxD012A9	B9z241T	Black	0.50 (12.8)	112 (166)	300 (1330)	90 (400)	10.1 (25.6)	7.6 (19.3)
24*	FDxD024A9	B9z242T	Black	0.63 (16.0)	149 (221)	300 (1330)	90 (400)	12.6 (32.0)	9.5 (24.1)
24	FDxD024AJ	B9z243T	Black	0.75 (19.2)	207 (308)	600 (2670)	200 (890)	15.1 (38.3)	11.3 (28.7)
36	FDxD036AJ	B9z244T	Black	0.88 (22.3)	287 (427)	600 (2670)	200 (890)	17.6 (44.7)	13.2 (33.5)
48	FDxD048AK	B9z245T	Black	0.90 (23.0)	302 (449)	600 (2670)	200 (890)	18.1 (45.9)	13.6 (34.5)
72	FDxD072AK	B9z246T	Black	1.05 (26.8)	400 (595)	600 (2670)	200 (890)	21.1 (53.5)	15.8 (40.1)
96	FDxD096AK	B9z247T	Black	1.20 (30.6)	543 (808)	600 (2670)	200 (890)	24.1 (61.2)	18.1 (45.9)
144	FDxD144AK	B9z248T	Black	1.40 (35.7)	696 (1035)	600 (2670)	200 (890)	28.1 (71.3)	21.1 (53.5)

5 Substitute (x) with Fiber Grade Code
6 Substitute (z) with Legacy Fiber Grade Code
* Single jacket design.