

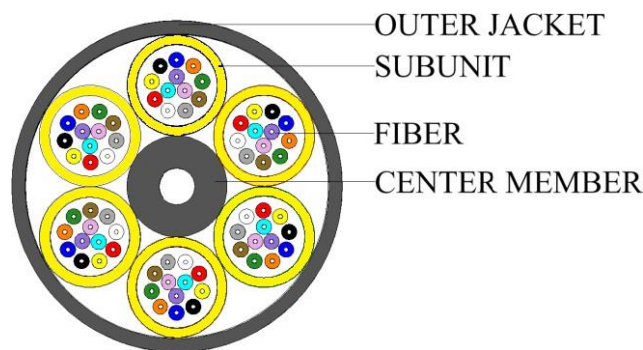


Belden's tight-buffered multi-fiber distribution cables are available in fiber counts from 2 to 144. These highly popular cables are designed for both indoor & indoor/outdoor applications. Distribution cables are available in plenum, riser, unitized & non-unitized constructions which fit a wide array of general purpose installations. Their small bend radius and 900µm tight-buffered fibers allow for fast installations and easy terminations.

Standards:

- ICEA S-104-696
- RoHS
- ANSI/TIA-568-C.3

	Temperature Range	
	Riser / LSZH	Plenum
Operating	-40°C to +70°C -40°F to +158°F	-40°C to +70°C -40°F to +158°F
Storage	-40°C to +70°C -40°F to +158°F	-40°C to +70°C -40°F to +158°F
Installation	-10°C to +60°C 14°F to +140°F	0°C to +60°C 32°F to +140°F



Glass Type	Fiber Grade Code (*)	Subunit Color	Operating Wavelength (nm)	Max Attenuation (dB/km)	Min. OFL Bandwidth (MHz-km)	Min. Laser Bandwidth (MHz-km)	1 Gigabit Ethernet Min. Link Length (meters)	10 Gigabit Ethernet Min. Link Length (meters)
OS2 - Single Mode	S	Yellow	1310/1550	0.5/0.5	-	-	5000/-	10,000/40,000
OM1 - 62.5/125mm Multi-Mode	1	Orange	850/1300	3.5/1.25	200/500	220/-	300/550	33/-
OM3 - 50/125mm Multi-Mode	3	Aqua	850/1300	3.0/1.0	1500/500	2000/-	1000/550	300/-
OM4 - 50/125mm Multi-Mode	4	Erika Violet	850/1300	3.0/1.0	3500/500	4700/-	1100/550	550-
OM5 - 50/125mm Multi-Mode	5	Lime Green	850/1300	3.0/1.0	3500/500	4700/-	1100/550	550-

Single Unit - UL Type OFNR / C(UL) OFNR FT4							
Fiber Count	Part Number ¹	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbf (N)	Max. Long Term Load lbf (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
2	FD*D002R9	0.184 (4.7)	14 (21)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
4	FD*D004R9	0.200 (5.1)	17 (25)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
6	FD*D006R9	0.220 (5.6)	20 (30)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
12	FD*D012R9	0.260 (6.6)	27 (40)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
24	FD*D024R9	0.325 (8.3)	42 (63)	300 (1320)	90 (400)	15x Cable OD	10x Cable OD
1 Substitute (*) with Fiber Grade Code							

Multi-Unit - UL Type OFNR / C(UL) OFNR FT4							
Fiber Count	Part Number ¹	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbf (N)	Max. Long Term Load lbf (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
24 ²	FD*D024RJ	0.562 (14.3)	108 (131)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
36	FD*D036RK	0.688 (17.5)	148 (220)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
48	FD*D048RK	0.688 (17.5)	157 (234)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
72	FD*D072RK	0.823 (20.9)	229 (341)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
96	FD*D096RK	0.977 (24.8)	344 (512)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
144	FD*D144RK	1.100 (27.9)	377 (561)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
1 Substitute (*) with Fiber Grade Code							
2 This is a 6F/Tube Design							
36 fiber count is also available in a 6F/Tube Design							

Single Unit – LSZH - UL Type OFNR / C(UL) OFNR FT4

Fiber Count	Part Number ¹	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbf (N)	Max. Long Term Load lbf (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
2	FD*D002L9	0.184 (4.7)	14 (21)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
4	FD*D004L9	0.200 (5.1)	17 (25)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
6	FD*D006L9	0.220 (5.6)	20 (30)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
12	FD*D012L9	0.290 (7.4)	27 (40)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
1 Substitute (*) with Fiber Grade Code							

Multi-Unit – LSZH - UL Type OFNR / C(UL) OFNR FT4

Fiber Count	Part Number ¹	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbf (N)	Max. Long Term Load lbf (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
24 ²	FD*D024LJ	0.562 (14.3)	112 (167)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
36	FD*D036LK	0.688 (17.5)	165 (246)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
48	FD*D048LK	0.688 (17.5)	164 (244)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
72	FD*D072LK	0.823 (20.9)	237 (353)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
96	FD*D096LK	0.977 (24.8)	356 (530)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
144	FD*D144LK	1.100 (27.9)	391 (582)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
1 Substitute (*) with Fiber Grade Code							
2 This is a 6F/Tube Design							
36 fiber count is also available in a 6F/Tube Design							

Single Unit - UL Type OFNP / C(UL) OFNP FT6

Fiber Count	Part Number ¹	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbf (N)	Max. Long Term Load lbf (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
2	FD*D002P9	0.174 (4.7)	14 (21)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
4	FD*D004P9	0.174 (4.4)	15 (22)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
6	FD*D006P9	0.190 (4.8)	15 (22)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
12	FD*D012P9	0.230 (5.8)	21 (31)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
24	FD*D024P9	0.330 (8.4)	40 (60)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
1 Substitute (*) with Fiber Grade Code							

Multi-Unit - UL Type OFNP / C(UL) OFNR FT6

Fiber Count	Part Number ¹	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbf (N)	Max. Long Term Load lbf (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
24 ²	FD*D024PJ	0.527 (13.4)	92 (137)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
36	FD*D036PK	0.623 (16.1)	129 (192)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
48	FD*D048PK	0.623 (16.1)	129 (192)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
72	FD*D072PK	0.756 (19.2)	199 (296)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
96	FD*D096PK	0.900 (22.9)	310 (461)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
144	FD*D144PK	1.065 (27.1)	366 (545)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
1 Substitute (*) with Fiber Grade Code							
2 This is a 6F/Tube Design							
36fiber count is also available in a 6F/Tube Design							

