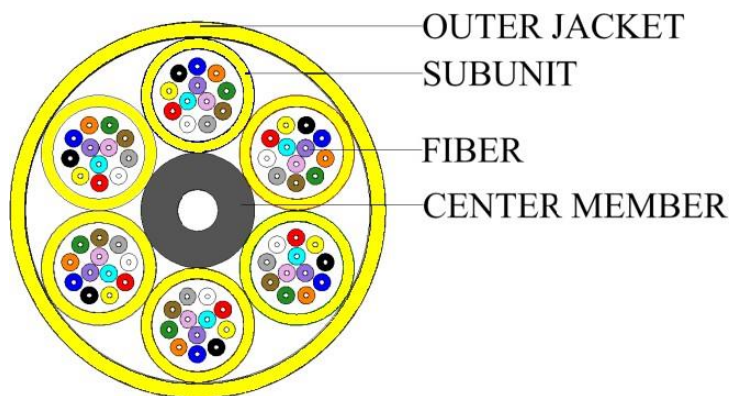




Belden's tight-buffered multi-fiber distribution cables are available in fiber counts from 2 to 144. These highly popular cables are designed for both indoor & indoor/outdoor applications. Distribution cables are available in plenum, riser, unitized & non-unitized constructions which fit a wide array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

Standards:

- ICEA S-83-596
- RoHS
- ANSI/TIA-568-C.3



	Temperature Range	
	Riser / LSZH	Plenum
Operating	-20°C to +70°C -4°F to +158°F	0°C to +70°C 32°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	FI*D002R9	0.184 (4.7)	14 (21)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
4	FI*D004R9	0.200 (5.1)	17 (25)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
6	FI*D006R9	0.220 (5.6)	20 (30)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
12	FI*D012R9	0.260 (6.6)	27 (40)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
24	FI*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	FI*D024RJ	0.538 (13.7)	86 (161)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
36	FI*D036RK	0.664 (16.9)	149 (222)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
48	FI*D048RK	0.664 (16.9)	147 (219)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
72	FI*D072RK	0.799 (20.3)	223 (332)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
96	FI*D096RK	0.953 (24.2)	320 (476)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
144	FI*D144RK	1.076 (27.3)	357 (531)	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	FI*D002L9	0.184 (4.7)	14 (21)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
4	FI*D004L9	0.200 (5.1)	17 (25)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
6	FI*D006L9	0.220 (5.6)	20 (30)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
12	FI*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	FI*D024LJ	0.538 (13.7)	108 (161)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
36	FI*D036LK	0.664 (16.9)	149 (222)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
48	FI*D048LK	0.664 (16.9)	147 (219)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
72	FI*D072LK	0.799 (20.3)	223 (332)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
96	FI*D096LK	0.953 (24.2)	320 (476)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
144	FI*D144LK	1.076 (27.3)	357 (531)	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	FI*D002P9	0.174 (4.7)	14 (21)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
4	FI*D004P9	0.174 (4.4)	15 (22)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
6	FI*D006P9	0.190 (4.8)	15 (22)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
12	FI*D012P9	0.230 (5.8)	21 (31)	150 (660)	45 (200)	15x Cable OD	10x Cable OD
24	FI*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	FI*D024PJ	0.494 (12.6)	82 (122)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
36	FI*D036PK	0.590 (15.0)	117 (174)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
48	FI*D048PK	0.590 (15.0)	123 (183)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
72	FI*D072PK	0.723 (18.4)	199 (296)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
96	FI*D096PK	0.867 (22.0)	303 (451)	600 (2670)	180 (800)	15x Cable OD	10x Cable OD
144	FI*D144PK	1.032 (26.2)	364 (542)	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							