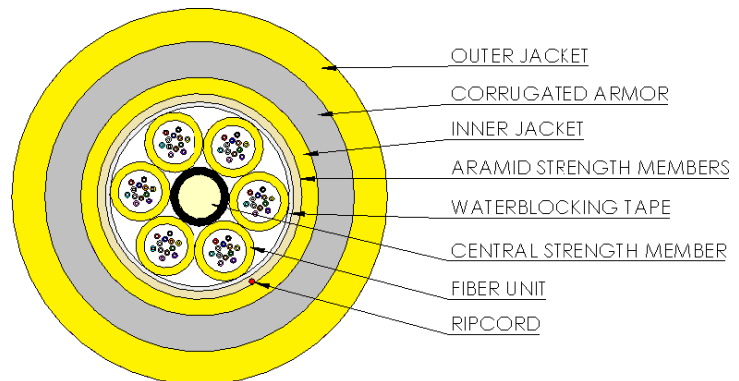




Belden's tight-buffered multi-fiber distribution cables are available in fiber counts from 2 to 144. These highly popular cables are designed for both indoor & indoor/outdoor applications. Distribution cables are available in plenum, riser, unitized & non-unitized constructions which fit a wide array 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 OFCR / C(UL) OFCR 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*D002F9	0.455 (11.6)	101 (150)	150 (660)	45 (200)	20x Cable OD	10x Cable OD
4	FI*D004F9	0.470 (11.9)	109 (162)	150 (660)	45 (200)	20x Cable OD	10x Cable OD
6	FI*D006F9	0.490 (12.5)	137 (204)	150 (660)	45 (200)	20x Cable OD	10x Cable OD
12	FI*D012F9	0.530 (13.5)	143 (213)	150 (660)	45 (200)	20x Cable OD	10x Cable OD
24	FI*D024F9	0.644 (16.4)	167 (249)	300 (1320)	90 (400)	20x Cable OD	10x Cable OD
1 Substitute (*) with Fiber Grade Code							

Multi-Unit - UL Type OFCR / C(UL) OFCR 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*D024FJ	0.930 (23.6)	273 (406)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
36	FI*D036FK	1.061 (26.9)	364 (542)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
48	FI*D048FK	1.061 (26.9)	365 (549)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
72	FI*D072FK	1.196 (30.4)	461 (687)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
96	FI*D096FK	1.365 (34.7)	601 (895)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
144	FI*D144FK	1.490 (37.8)	665 (990)	600 (2670)	180 (800)	20x 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 OFCP / C(UL) OFCP 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*D002A9	0.443 (11.3)	78 (116)	150 (660)	45 (200)	20x Cable OD	10x Cable OD
4	FI*D004A9	0.443 (11.3)	79 (118)	150 (660)	45 (200)	20x Cable OD	10x Cable OD
6	FI*D006A9	0.481 (12.2)	95 (142)	150 (660)	45 (200)	20x Cable OD	10x Cable OD
12	FI*D012A9	0.480 (12.2)	111 (165)	150 (660)	45 (200)	20x Cable OD	10x Cable OD
24	FI*D024A9	0.580 (14.7)	139 (207)	150 (660)	45 (200)	20x Cable OD	10x Cable OD
1 Substitute (*) with Fiber Grade Code							

Multi-Unit - UL Type OFCP / C(UL) OFCP 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*D024AJ	0.841 (21.4)	227 (338)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
36	FI*D036AK	0.936 (23.8)	278 (414)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
48	FI*D048AK	0.936 (23.8)	278 (414)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
72	FI*D072AK	1.075 (27.3)	305 (454)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
96	FI*D096AK	1.230 (31.2)	440 (655)	600 (2670)	180 (800)	20x Cable OD	10x Cable OD
144	FI*D144AK	1.425 (36.2)	672 (1000)	600 (2670)	180 (800)	20x 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							