

ezDISTRIBUTION™ | Indoor

Indoor Tight Buffer Distribution Cable



Product Snapshot

Applications	Versatile Indoor Tight Buffered Cable
Constructions	900 μm Tight Buffered Color-coded Fibers / Dielectric & Interlock Armor
Flame Ratings	Riser (OFNR, FT-4) / Plenum (OFNP, FT-6) / LSZH versions
Fiber Count	2 to 144 fibers (6 & 12 fiber sub units)
Fiber Types	Enhanced Singlemode ESMF, BendBright®, BendBright®XS / Multimode (50 μm, 62.5 μm, MaxCap® 10 GbE HiCap 1GbE) / Hybrid
Options	Indoor-Outdoor & Specialty versions (Interlock Armor / Tactical Deployment) / Preconnectorized
Performance	TIA/EIA-568B, ANSI / ICEA S-83-596 Telcordia GR-409, RoHS Compliant

Popular indoor tight buffered cables for reliable broadband performance, flame-retardant safety, and easy field termination.

Draka's ezDISTRIBUTION™ cables package up to 144 color-coded 900 μm tight buffered fibers into a single flame-retardant cable - riser, plenum, or LSZH (Low-Smoke, Zero-Halogen) rated. This design provides for easy installation and direct termination. Cables with more than 12 fibers use sub-unit fiber management.

Features & Benefits

Easy Cable Installation & Termination

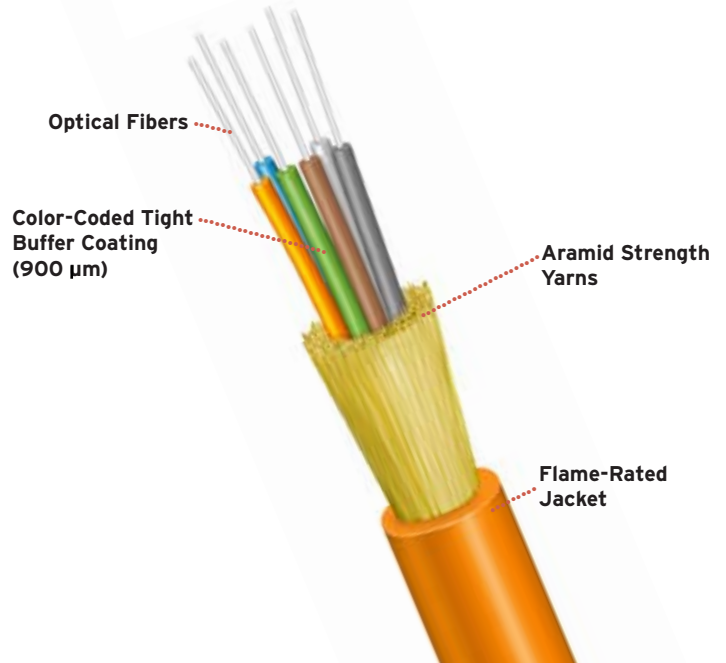
- [+] 900 μm tight buffered fibers can be directly terminated
- [+] Flexible small diameter cables simplify pulling & placement
- [+] Color-coded fibers & numbered sub-units simplify identification
- [+] Optional Interlock Armor provides robust protection & one-step installation

Flame-Retardant Safety

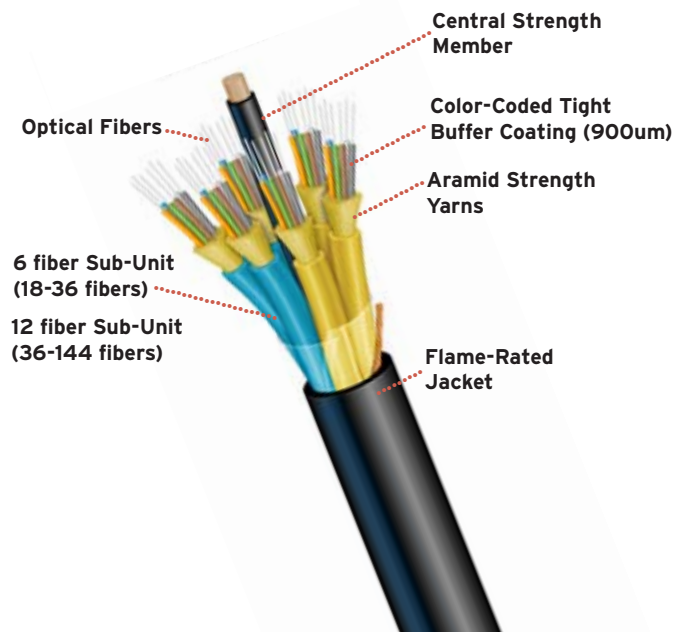
- [+] Versions for Riser (OFNR/FT-4), Plenum (OFNP/FT-6) & LSZH
- [+] Optional Indoor-Outdoor & specialty versions for applications beyond the office
- [+] UL 1666/CSA FT-4 Riser
- [+] NFPA-262/UL910/CSA FT-6 Plenum

Reliable Performance

- [+] Broad mix & match selection of Singlemode / Multimode (50 μm, 62.5 μm, MaxCap, HiCap) fiber types
- [+] Guaranteed 10 Gigabit and 1 Gigabit Ethernet transmission lengths
- [+] Guaranteed standards-based performance



6-fiber ezDISTRIBUTION™ | Indoor Cable



36-fiber ezDISTRIBUTION™ | Indoor Hybrid Cable

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Riser 400 Series

Fiber Count	Fibers per unit or # of units	Diameter inches (mm)	Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)	Max Installation Load (Pull Strength) lbs (newtons)	Max Operation Load lbs (newtons)	Vertical Rise feet (meter)
2		0.19 (4.8)	15 (22)	4 (10)	3 (7)	150 (660)	45 (220)	500 (112)
4		0.22 (5.6)	19 (28)	4 (11)	3 (8)	150 (660)	45 (220)	500 (112)
6		0.24 (6.0)	21 (31)	5 (12)	4 (9)	150 (660)	45 (220)	500 (112)
8		0.25 (6.2)	23 (34)	5 (12)	4 (9)	150 (660)	45 (220)	500 (112)
12		0.28 (7.0)	30 (45)	6 (14)	4 (11)	150 (660)	45 (220)	500 (112)
18	6	0.52 (13.3)	90 (134)	11 (27)	8 (20)	300 (1320)	100 (444)	500 (152)
24	6	0.52 (13.3)	90 (134)	11 (27)	8 (20)	300 (1320)	100 (444)	500 (152)
36	6	0.63 (15.9)	143 (213)	13 (32)	9 (24)	300 (1320)	100 (444)	500 (152)
48	12	0.63 (15.9)	125 (187)	13 (32)	9 (24)	300 (1320)	100 (444)	500 (152)
60	12	0.70 (17.8)	154 (230)	14 (36)	11 (28)	300 (1320)	100 (444)	500 (152)
72	12	0.77 (19.5)	189 (282)	15 (39)	12 (29)	300 (1320)	100 (444)	500 (152)
96	12	1.02 (26.0)	274 (408)	21 (52)	15 (39)	300 (1320)	100 (444)	500 (152)
144	12	1.02 (26.0)	323 (481)	21 (52)	15 (39)	300 (1320)	100 (444)	500 (152)

Plenum 800 Series

Fiber Count	Fibers per unit or # of units	Diameter inches (mm)	Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)	Max Installation Load (Pull Strength) lbs (newtons)	Max Operation Load lbs (newtons)	Vertical Rise feet (meter)
2		0.17 (4.2)	9 (13)	3 (8.4)	3 (6)	100 (444)	33 (133)	500 (152)
4		0.17 (4.3)	14 (21)	3 (8.6)	3 (7)	100 (444)	33 (133)	500 (152)
6		0.19 (4.7)	15 (22)	4 (9.4)	3 (7)	100 (444)	33 (133)	500 (152)
8		0.20 (5.0)	18 (27)	4 (9.9)	3 (7)	100 (444)	33 (133)	500 (152)
12		0.23 (5.8)	22 (33)	5 (11.7)	4 (9)	100 (444)	33 (133)	500 (152)
18	6	0.41 (10.3)	72 (108)	8 (21)	6 (16)	150 (660)	45 (200)	500 (152)
24	6	0.41 (10.3)	72 (108)	8 (21)	6 (16)	150 (660)	45 (200)	500 (152)
36	6	0.51 (12.9)	115 (171)	10 (26)	8 (19)	150 (660)	45 (200)	500 (152)
48	12	0.53 (13.3)	123 (183)	11 (27)	8 (20)	150 (660)	45 (200)	500 (152)
60	12	0.59 (15.0)	153 (228)	12 (30)	9 (23)	150 (660)	45 (200)	500 (152)
72	12	0.65 (16.6)	188 (280)	13 (33)	10 (25)	150 (660)	45 (200)	500 (152)
96	12	0.80 (20.4)	316 (471)	16 (41)	12 (31)	150 (660)	45 (200)	500 (152)

Jacket Color	Fiber Type
Yellow	Enhanced Singlemode
Orange	Multimode (OM-1/OM-2)
Aqua	MaxCap® (OM-3, -50 μm)
Blue	BendBright®XS
Black	Hybrid

Draka | Cabling for the real world.

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The Draka policy of continuous improvement may result in changes to specifications without prior notice.

Issue Date: 9.26.2008 - V3 / DS042

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LSZH Series

OFNR, FT-4, LSZH

Fiber Count	Fibers per unit or # of units	Diameter inches (mm)	Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)	Max Installation Load (Pull Strength) lbs (newtons)	Max Operation Load lbs (newtons)	Vertical Rise feet (meter)
2		0.22 (5.6)	15 (22)	4 (11)	3 (8)	150 (660)	45 (198)	500 (152)
4		0.22 (5.7)	21 (31)	5 (11)	3 (9)	150 (660)	45 (198)	500 (152)
6		0.24 (6.1)	22 (32)	5 (12)	4 (9)	150 (660)	45 (198)	500 (152)
8		0.25 (6.3)	24 (36)	5 (13)	4 (10)	150 (660)	45 (198)	500 (152)
12		0.28 (7.1)	31 (46)	6 (14)	4 (11)	150 (660)	45 (198)	500 (152)
18	6	0.52 (13.3)	97 (145)	11 (27)	8 (20)	300 (1320)	90 (401)	500 (152)
24	6	0.52 (13.3)	97 (145)	11 (27)	8 (20)	300 (1320)	90 (401)	500 (152)
36	6	0.63 (15.9)	148 (220)	13 (32)	9 (24)	300 (1320)	90 (401)	500 (152)
48	12	0.63 (15.9)	130 (194)	13 (32)	9 (24)	300 (1320)	90 (401)	500 (152)
60	12	0.70 (17.8)	161 (240)	14 (36)	11 (27)	300 (1320)	90 (401)	500 (152)
72	12	0.77 (19.5)	198 (295)	15 (39)	12 (29)	300 (1320)	90 (401)	500 (152)
96	12	1.02 (25.8)	304 (453)	20 (52)	15 (39)	300 (1320)	90 (401)	500 (152)
144	12	1.02 (25.8)	304 (453)	20 (52)	15 (39)	300 (1320)	90 (401)	500 (152)

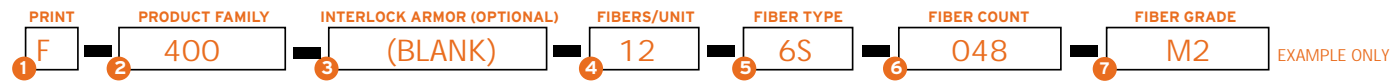
Temperature Range

[+] Shipping and Storage	-40° F to +176° F	(-40° C to +80° C)
[+] Installation	14° F to +122° F	(-10° C to +50° C)
[+] Operation	-4° F to +176° F	(-20° C to +80° C)

Ordering Guide

For Ordering or More Information Contact Us at sales@drakaamericas.com or 800.879.9862.

Example: ezDISTRIBUTION™ | Indoor Riser (OFNR / FT-4), 48 multimode 62.5/125 Fibers (printed in feet)



- 1 PRINT**
F Feet
M Meters
- 2 PRODUCT FAMILY**
Indoor | Tight Buffer Cables
ezDISTRIBUTION™
400 Distribution Riser (OFNR / FT-4)
800 Distribution Plenum (OFNP / FT-6)
LSZH Distribution LSZH (OFNR / FT-4 / LSZH)
- 3 INTERLOCK ARMOR (OPTIONAL)**
AB Aluminum Interlock Armor
AS Aluminum Interlock Armor, Striped
AJ Aluminum Interlock Armor, Jacketed
SB Steel Interlock Armor
SS Steel Interlock Armor, Striped
SJ Steel Interlock Armor, Jacketed
Plenum Tight Buffer Products Only
- 4 FIBERS/UNIT**
00 Non-grouped (thru 12 fibers)
06 6 fibers/unit (18-36 fibers)
12 12 fibers/unit (36 fibers)
- 6 FIBER COUNT**
001 to 144 Fibers

5 FIBER TYPE	7 FIBER GRADE	WAVELENGTHS (nm)	ATTENUATION (dB/km)	BANDWIDTH (MHz-km)	1 GbE DISTANCE (m at 850/1300nm)	10 GbE DISTANCE (m at 850nm)
MULTIMODE						
5S Legacy, 50 μm (OM2)	M1	850 / 1300	3.5 / 1.5	500 / 500	550 / 550	82
6S Legacy, 62.5 μm (OM1)	M2	850 / 1300	3.5 / 1.0	200 / 500	300 / 550	33
SINGLEMODE						
5H HiCap (1 GbE), 50 μm (OM2+)	M1	850 / 1300	3.5 / 1.5	600 / 1200	750 / 2000	110
6H HiCap (1 GbE), 62.5 μm (OM1+)	M2	850 / 1300	3.5 / 1.0	200 / 600	500 / 1000	65
53 MaxCap® (10 GbE), 50 μm, 300m (OM3)	M1	850 / 1300	3.5 / 1.5	1500 / 500	1000 / 550	300
55 MaxCap® pt (10 GbE), 50 μm, 550m (OM3+)	M1	850 / 1300	3.5 / 1.5	3500 / 500	1100 / 550	550
ES ESMF Tight Buffer	EB	1310 / 1383 / 1550	0.7 / 0.7 / 0.7			
BB BendBright® Tight Buffer	EB	1310 / 1383 / 1550	0.7 / 0.7 / 0.7			
BX BendBright®XS Tight Buffer	EB	1310 / 1383 / 1550	0.7 / 0.7 / 0.7			
Loose Tube	E1	1310 / 1383 / 1550	0.4 / 0.4 / 0.3			

Other cable constructions and fiber performance grades available on request.



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