

ezDISTRIBUTION™ | Indoor-Outdoor

Indoor-Outdoor Tight Buffer Distribution Cable



Product Snapshot

Applications	Versatile Indoor-Outdoor Tight Buffered Cable
Constructions	900 μm Tight Buffered Color-coded Fibers / Dielectric & Interlock Armor
Flame Ratings	Riser (OFNR, FT-4) / Plenum (OFNP, FT-6) versions
Fiber Count	2 to 144 fibers (cables >12 fibers are unitized)
Fiber Types	Multimode (50 μm, 62.5 μm, MaxCap 10 GbE, HiCap 1GbE) / Singlemode (ESMF, BendBright, BendBright ^{XS}) / Hybrid
Options	Interlock Armor
Performance	TIA/EIA-568B, ICEA 83-596 / Telcordia GR-409, RoHS, IEEE383

Versatile indoor-outdoor tight buffered cables for reliable broadband performance, flame-retardant safety, and easy field termination in interbuilding or transition applications.

Draka's ezDISTRIBUTION | Indoor-Outdoor cables package up to 144 color-coded 900 μm tight buffered fibers into a single riser or plenum-rated cable. The UV-resistant water-blocked design is suitable for both indoor and outdoor use, ideal for interbuilding and transition applications. This flexible 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

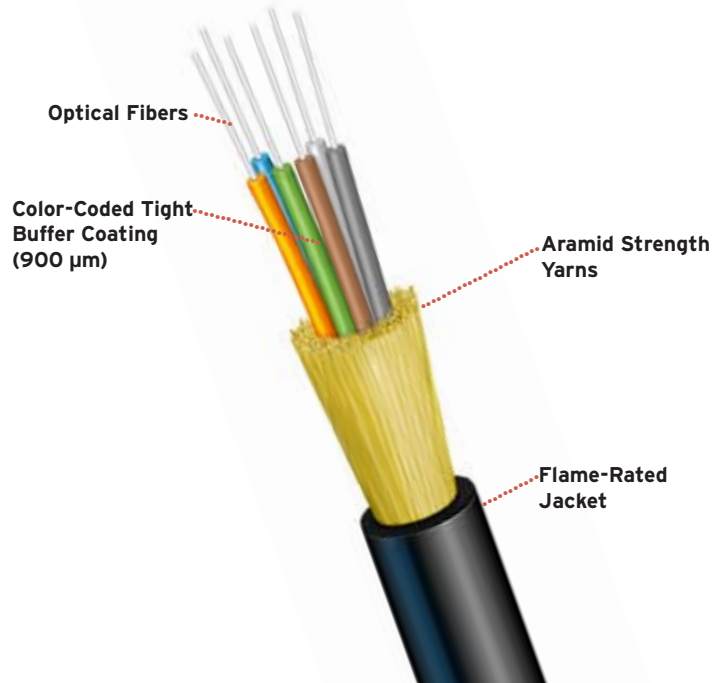
- [+] 900um tight buffered fibers can be directly terminated
- [+] Flexible small diameter cables simplify pulling & placement
- [+] Color-coded fibers & numbered sub-units simplify identification
- [+] Optional Interlock Armor provides robust protection & one-step installation

Flame-Retardant Safety

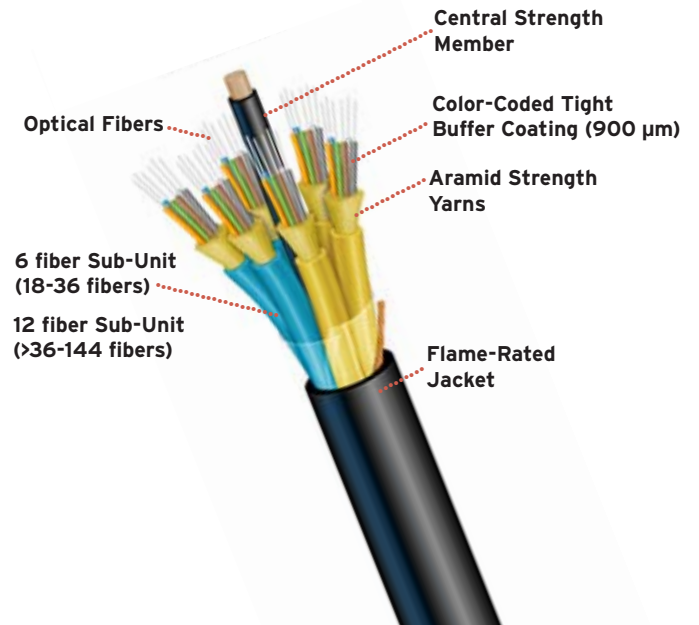
- [+] Versions for Riser (OFNR/FT-4), Plenum (OFNP/FT-6)
- [+] Optional Indoor-Outdoor & specialty versions for applications beyond the office
- [+] A single cable design can support all structured cabling applications

Reliable Performance

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



6-fiber ezDISTRIBUTION | Indoor-Outdoor Cable



36-fiber ezDISTRIBUTION | Indoor-Outdoor Cable
(aqua sub-unit jacket for OM-3 MaxCap™ 10 GbE fibers)
(yellow sub-unit jacket for Singlemode fibers)

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Riser C1181 Series

OFNR, FT-4 rated

Fiber Count	Fiber per Unit	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)
2	2	0.19 (4.8)	15 (22)	4 (10)	2 (5)	300 (1335)	90 (400.5)
4	4	0.22 (5.6)	19 (28)	4 (11)	2 (6)	300 (1335)	90 (400.5)
6	6	0.24 (6.0)	21 (31)	5 (12)	2 (6)	300 (1335)	90 (400.5)
8	8	0.24 (7.0)	23 (34)	5 (14)	2 (6)	300 (1335)	90 (400.5)
12	12	0.28 (14.2)	30 (45)	6 (18)	3 (7)	300 (1335)	90 (400.5)
18	6	0.56 (14.2)	94 (140)	11 (28)	6 (14)	600 (2700)	180 (810)
24	6	0.56 (16.8)	94 (140)	11 (33)	6 (17)	600 (2700)	180 (810)
36	6	0.66 (16.8)	99 (148)	13 (33)	7 (17)	600 (2700)	180 (810)
48	12	0.66 (16.8)	134 (200)	13 (33)	7 (17)	600 (2700)	180 (810)
60	12	0.74 (18.8)	168 (250)	15 (38)	7 (19)	600 (2700)	180 (810)
72	12	0.80 (20.3)	198 (295)	16 (41)	8 (20)	600 (2700)	180 (810)
84	12	0.85 (21.7)	231 (345)	17 (43)	9 (22)	600 (2700)	180 (810)
96	12	0.95 (24.2)	287 (428)	19 (48)	10 (24)	600 (2700)	180 (810)
108	12	1.02 (25.9)	341 (508)	20 (52)	10 (26)	600 (2700)	180 (810)
120	12	1.02 (25.9)	341 (508)	20 (52)	10 (26)	600 (2700)	180 (810)
132	12	1.02 (25.9)	341 (508)	20 (52)	10 (26)	600 (2700)	180 (810)
144	12	1.02 (25.9)	341 (508)	20 (52)	10 (26)	600 (2700)	180 (810)

Plenum C1182 Series

OFNP, FT-6 rated

Fiber Count	Fiber Count	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)
2	2	0.18 (4.5)	9 (13)	4 (9)	2 (5)	150 (666)	45 (199.8)
4	4	0.18 (4.6)	14 (21)	4 (9)	2 (5)	150 (666)	45 (199.8)
6	6	0.19 (5.0)	15 (22)	4 (10)	2 (5)	150 (666)	45 (199.8)
8	8	0.21 (5.2)	18 (27)	4 (10)	2 (5)	150 (666)	45 (199.8)
12	12	0.24 (6.1)	22 (33)	5 (12)	2 (6)	150 (666)	45 (199.8)
18	6	0.44 (11.2)	86 (128)	9 (22)	4 (11)	400 (1800)	120 (540)
24	6	0.44 (11.2)	78 (117)	9 (22)	4 (11)	400 (1800)	120 (540)
36	6	0.55 (13.8)	131 (196)	11 (28)	5 (14)	400 (1800)	120 (540)
48	12	0.56 (14.3)	140 (209)	11 (29)	6 (14)	400 (1800)	120 (540)
60	12	0.63 (16.0)	172 (257)	13 (32)	6 (16)	400 (1800)	120 (540)
72	12	0.69 (17.5)	209 (312)	14 (35)	7 (18)	600 (2700)	180 (810)
96	12	0.84 (21.3)	345 (514)	17 (43)	8 (21)	600 (2700)	180 (810)

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: 12.8.2008 - V6 / DS024

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Temperature Range

[+] Shipping and Storage	-40° F to +176° F	(-40° C to +80° C)
[+] Installation	32° F to +122° F	(0° C to +50° C)
[+] Operation	-40° F to +158° F	(-40° C to +70° C)

Ordering Guide

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

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



- 1 PRINT**
F Feet
M Meters
- 2 PRODUCT FAMILY**
Indoor-Outdoor | Tight Buffer Cables
ezDISTRIBUTION™
C1181 Distribution Riser (OFNR / FT-4)
C1182 Distribution Plenum (OFNP / FT-6)
- 3 INTERLOCK ARMOR (OPTIONAL)**
AB Aluminum Interlock Armor
AS Aluminum Interlock Armor, Striped
AJ Aluminum Interlock Armor, Jacketed
Y Yellow Jacket (ESMF)
O Orange Jacket (MMF)
A Aqua Jacket (MaxCap®)
B Blue Jacket (BendBright®XS)
- 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
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
SINGLEMODE						
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			

Other cable constructions and fiber performance grades available on request.

