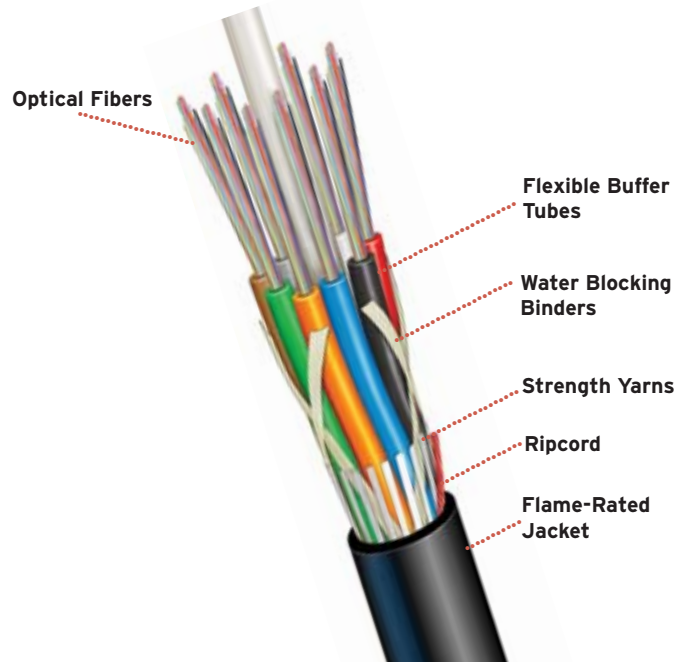


ezPREP® Loose Tube | Indoor-Outdoor

Indoor-Outdoor Riser and Plenum Cables

Product Snapshot

Applications	Multi-purpose Indoor-Outdoor Aerial Lashed, Duct, Direct Buried
Constructions	Dielectric (single & dual jacket), Armored, Interlock Armor
Flame Ratings	Riser (OFNR / FT-4), Plenum (OFNP / FT-6), Riser / Low-Smoke option (LSZH jacket)
Fiber Count	2 to 288 fibers in Color-coded Buffer Tubes
Fiber Types	Multimode (50 μm, 62.5 μm, HiCap, MaxCap)/ Singlemode (ESMF, BendBright, BendBrightXS)/ Hybrid
Options	Preconnectorized & Specialty Designs (MSHA Mining)
Performance	TIA/EIA-568B, ICEA 83-596, Telcordia GR-20, RoHS, Telcordia GR-409, ANSI/ICEA S-104-696-2003



Dielectric (Single Jacket) Indoor-Outdoor

Versatile Indoor-Outdoor riser rated fiber cable - ideal for interbuilding and building transition applications.

Draka's ezPREP Loose Tube | Indoor-Outdoor Riser version provides versatile cost-effective performance for a combination of indoor riser-rated spaces and outdoor aerial lashed, duct, and direct buried environments. By enabling placement virtually anywhere in a network, installers can bypass traditional transition points required in many installations and go directly from outside plant to riser shaft. These cables combine flexible buffer tubes and swellable water-blocking tape with a broad line of singlemode and multimode fibers that support the latest gigabit protocols - including 10 Gigabit Ethernet and ATM.

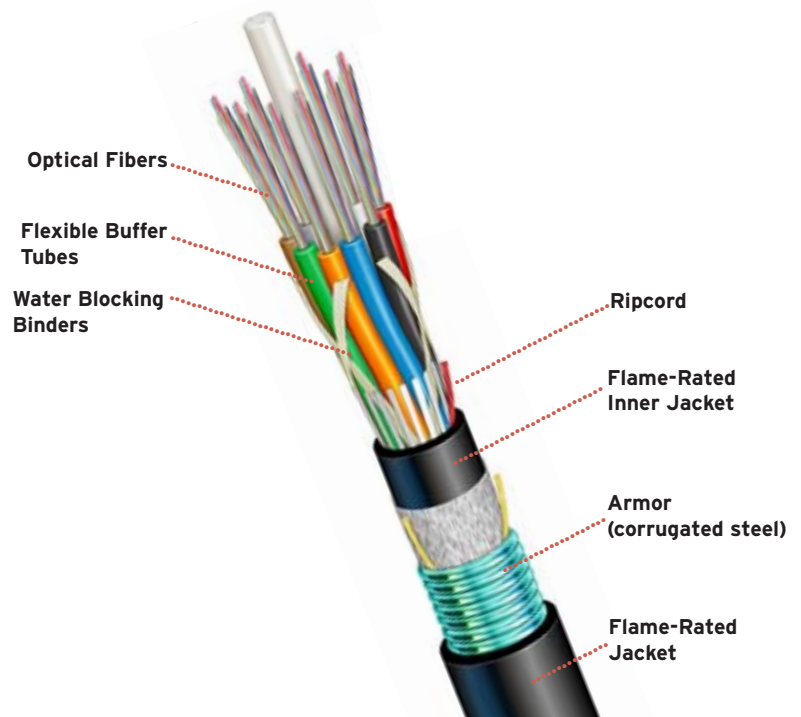
Features & Benefits

Easy Cable Installation & Termination

- [+] Easy installation without the need for a transition point
- [+] Ripcord speeds cable entry & outer jacket removal
- [+] Strength yarns bend in any direction without memory
- [+] Available BendBright™ bend-tolerant singlemode fiber

Multi-purpose Installation & Use

- [+] Suitable for indoor (riser) and outdoor (aerial lashed, duct, and direct buried) installations
- [+] Optional corrugated steel tape armor provides



Armored (Double Jacket) Indoor-Outdoor Riser

ezPREP® Loose Tube | Indoor-Outdoor

Indoor-Outdoor Riser and Plenum Cables

Riser Dielectric (Single Jacket)

Fiber Count	# of Buffer Tubes Outer/Inner	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)
2 - 36	6	6	0.37 (9.4)	61 (91)	7 (19)	4 (9)
38 - 72	6	12	0.44 (11.2)	79 (119)	9 (22)	4 (11)
74 - 84	7	12	0.47 (11.9)	90 (135)	9 (24)	5 (12)
86 - 96	8	12	0.51 (13)	102 (153)	10 (26)	5 (13)
98 - 108	9	12	0.54 (13.7)	116 (174)	11 (27)	6 (14)
110 - 120	10	12	0.58 (14.7)	132 (198)	11 (29)	6 (15)
122 - 132	11	12	0.62 (15.7)	153 (229)	12 (31)	6 (16)
134 - 216	12/6	12	0.69 (17.5)	196 (294)	14 (35)	7 (18)
218 - 264	14/8	12	0.76 (19.3)	244 (366)	15 (39)	7 (19)
266 - 288	15/9	12	0.80 (20.3)	269 (404)	16 (41)	8 (20)

Riser Dielectric (Double Jacket)

Fiber Count	# of Buffer Tubes Outer/Inner	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)
2 - 36	6	6	0.49 (12.4)	112 (167)	10 (24.8)	5 (13)
38 - 72	6	12	0.56 (14.2)	137 (204)	11 (28.4)	6 (15)
74 - 84	7	12	0.59 (14.9)	157 (234)	12 (29.8)	6 (15)
86 - 96	8	12	0.62 (15.7)	172 (257)	12 (31.4)	6 (16)
98 - 108	9	12	0.66 (16.6)	190 (283)	13 (33.2)	7 (17)
110 - 120	10	12	0.70 (17.7)	223 (333)	14 (35.4)	7 (18)
122 - 132	11	12	0.77 (19.4)	250 (373)	15 (38.8)	8 (20)
134 - 216	12/6	12	0.86 (21.6)	302 (450)	17 (43.2)	9 (22)
218 - 264	14/8	12	0.93 (23.4)	337 (502)	18 (46.8)	9 (24)
266 - 288	15/9	12	0.96 (24.3)	353 (526)	19 (48.6)	10 (25)

Riser Armored (Double Jacket)

Fiber Count	# of Buffer Tubes Outer/Inner	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)
2 - 36	6	6	0.56 (14.2)	173 (260)	11 (28)	9 (22)
38 - 72	6	12	0.63 (16.0)	201 (301)	13 (32)	9 (24)
74 - 84	7	12	0.66 (16.8)	218 (327)	13 (34)	10 (26)
86 - 96	8	12	0.70 (17.8)	238 (357)	14 (36)	11 (27)
98 - 108	9	12	0.73 (18.5)	258 (387)	15 (37)	11 (28)
110 - 120	10	12	0.77 (19.6)	286 (429)	15 (39)	12 (30)
122 - 132	11	12	0.81 (20.6)	307 (460)	16 (41)	12 (31)
134 - 216	12/6	12	0.93 (23.5)	346 (519)	19 (47)	14 (36)
218 - 264	14/8	12	1.00 (25.3)	391 (586)	20 (51)	15 (38)
266 - 288	15/9	12	1.04 (26.3)	417 (625)	21 (53)	16 (40)

Mechanical Specifications (Riser)

Installation

[+] Maximum installation load	600 lbf (2700 N)
[+] Maximum operation load	200 lbf (890 N)

Temperature Range

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

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Issue Date: 12.13.2006 / DS0022-02

ezPREP® Loose Tube | Indoor-Outdoor

Indoor-Outdoor Riser and Plenum Cables

Riser / Low-Smoke Dielectric (Single LSZH Jacket)

Fiber Count	# of Buffer Tubes Outer/Inner	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)
2 - 36	6	6	0.37 (9.4)	61 (91)	7 (19)	4 (9)
38 - 72	6	12	0.44 (11.2)	79 (119)	9 (22)	4 (11)
74 - 84	7	12	0.47 (11.9)	90 (135)	9 (24)	5 (12)
86 - 96	8	12	0.51 (13)	102 (153)	10 (26)	5 (13)
98 - 108	9	12	0.54 (13.7)	116 (174)	11 (27)	6 (14)
110 - 120	10	12	0.58 (14.7)	132 (198)	11 (29)	6 (15)
122 - 132	11	12	0.62 (15.7)	153 (229)	12 (31)	6 (16)
134 - 216	12/6	12	0.69 (17.5)	196 (294)	14 (35)	7 (18)
218 - 264	14/8	12	0.76 (19.3)	244 (366)	15 (39)	7 (19)
266 - 288	15/9	12	0.80 (20.3)	269 (404)	16 (41)	8 (20)

DRLTZB

OFNR, Low-Smoke

Riser / Low-Smoke Dielectric (Double LSZH Jacket)

Fiber Count	# of Buffer Tubes Outer/Inner	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)
2 - 36	6	6	0.49 (12.4)	112 (167)	10 (24.8)	5 (13)
38 - 72	6	12	0.56 (14.2)	137 (204)	11 (28.4)	6 (15)
74 - 84	7	12	0.59 (14.9)	157 (234)	12 (29.8)	6 (15)
86 - 96	8	12	0.62 (15.7)	172 (257)	12 (31.4)	6 (16)
98 - 108	9	12	0.66 (16.6)	190 (283)	13 (33.2)	7 (17)
110 - 120	10	12	0.70 (17.7)	223 (333)	14 (35.4)	7 (18)
122 - 132	11	12	0.77 (19.4)	250 (373)	15 (38.8)	8 (20)
134 - 216	12/6	12	0.86 (21.6)	302 (450)	17 (43.2)	9 (22)
218 - 264	14/8	12	0.93 (23.4)	337 (502)	18 (46.8)	9 (24)
266 - 288	15/9	12	0.96 (24.3)	353 (526)	19 (48.6)	10 (25)

DRLTZC

OFNR, Low-Smoke

Riser / Low-Smoke Armored (Double LSZH Jacket)

Fiber Count	# of Buffer Tubes Outer/Inner	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)
2 - 36	6	6	0.56 (14.2)	173 (260)	11 (28)	9 (22)
38 - 72	6	12	0.63 (16.0)	201 (301)	13 (32)	9 (24)
74 - 84	7	12	0.66 (16.8)	218 (327)	13 (34)	10 (26)
86 - 96	8	12	0.70 (17.8)	238 (357)	14 (36)	11 (27)
98 - 108	9	12	0.73 (18.5)	258 (387)	15 (37)	11 (28)
110 - 120	10	12	0.77 (19.6)	286 (429)	15 (39)	12 (30)
122 - 132	11	12	0.81 (20.6)	307 (460)	16 (41)	12 (31)
134 - 216	12/6	12	0.93 (23.5)	346 (519)	19 (47)	14 (36)
218 - 264	14/8	12	1.00 (25.3)	391 (586)	20 (51)	15 (38)
266 - 288	15/9	12	1.04 (26.3)	417 (625)	21 (53)	16 (40)

DRLTZD

OFNR, Low-Smoke

Mechanical Specifications (Riser, Low-Smoke)

Installation

[+] Maximum installation load	600 lbf	(2700 N)
[+] Maximum operation load	200 lbf	(890 N)

Temperature Range

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

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ezPREP® Loose Tube | Indoor-Outdoor

Indoor-Outdoor Riser and Plenum Cables

Plenum Dielectric (Single Jacket)

Fiber Count	# of Buffer Tubes Outer/Inner	Fibers per unit or # of units	Diameter inches (mm)	DPLTB		OFNP		Max Installation Load (Pull Strength) lbs (newtons)	Max Operation Load lbs (newtons)
				Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)			
2 - 12	1	-	0.26 (6.6)	32 (48)	4 (10)	3 (8)	300 (1335)	90 (400)	
14 - 48	4	12	0.37 (9.4)	55 (82)	6 (15)	4 (10)	600 (2670)	200 (890)	
50 - 60	6	12	0.46 (11.7)	68 (101)	7 (18)	5 (13)	600 (2670)	200 (890)	
62 - 72	6	12	0.46 (11.7)	68 (101)	7 (18)	5 (13)	600 (2670)	200 (890)	
74 - 84	7	12	0.49 (12.4)	141 (211)	7 (18)	5 (13)	600 (2670)	200 (890)	
86 - 96	8	12	0.53 (13.5)	154 (229)	8 (20)	5 (13)	600 (2670)	200 (890)	
98 - 108	9	12	0.57 (14.5)	172 (257)	9 (23)	6 (15)	600 (2670)	200 (890)	
110 - 120	10	12	0.61 (15.5)	184 (274)	9 (23)	6 (15)	600 (2670)	200 (890)	
122 - 132	11	12	0.65 (16.5)	196 (293)	10 (25)	7 (18)	600 (2670)	200 (890)	
134 - 144	12	12	0.69 (17.5)	211 (315)	10 (25)	7 (18)	600 (2670)	200 (890)	
146-216	12/6	12	0.7 (17.8)	176 (262)	10.5 (27)	7 (18)	600 (2670)	200 (890)	

Mechanical Specifications (Plenum)

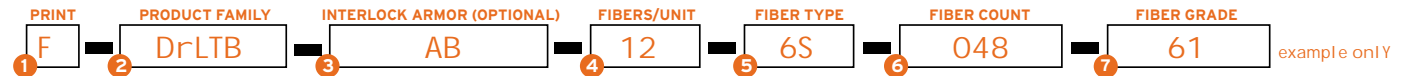
Temperature Range

[+] Shipping and Storage	-40° F to +185° F	(-40° C to +85° C)
[+] Installation	-32° F to +140° F	(-0° C to +60° C)
[+] Operation	-4° F to +167° F	(-20° C to +75° C)

Ordering Guide

For Ordering or More Information Contact Us at sales@drakacomteq.us or 800.879.9862.

Example: ezPREP® Loose Tube | Indoor-Outdoor Riser, Dielectric (Single Jacket) with Aluminum Interlock Armor, 48 multimode 62.5/125 Fibers (printed in feet)



1 PRINT F Feet M Meters	2 PRODUCT FAMILY Indoor-Outdoor & Specialty Cables ezPREP® Loose Tube Indoor-Outdoor DRLTB Non-Armor Riser (OFNR / FT-4) DRLTC Non-Armor Riser, 2jkt (OFNR / FT-4) DRLTD Armor Riser, LSZH jkt (OFCR / FT-4) DRLTZB Non-Armor Riser, LSZH jkt (OFNR / FT-4, Low Smoke) DRLTZC Non-Armor Riser, 2jkt, LSZH jkt (OFNR / FT-4, Low Smoke) DRLTZD Armor Riser, LSZH jkt (OFNR / FT-4, Low Smoke) DPLTB Non-Armor Plenum (OFNP / FT-6)	3 INTERLOCK ARMOR (OPTIONAL) AB Aluminum Interlock Armor AS Aluminum Interlock Armor, Striped AJ Aluminum Interlock Armor, Jacketed	4 FIBERS/UNIT 06 6 fibers/unit 12 12 fibers/unit	6 FIBER COUNT ### 001 to 288 Fibers
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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, 50um	51	850 / 1300	3.5 / 1.5	500 / 500	550 / 550	82
6S Legacy, 62.5um	61	850 / 1300	3.5 / 1.0	200 / 500	300 / 550	33
5H HiCap (1 GbE), 50um	71	850 / 1300	3.5 / 1.5	600 / 1200	750 / 2000	110
6H HiCap (1 GbE), 62.5um	81	850 / 1300	3.5 / 1.0	200 / 600	500 / 1000	65
53 MaxCap (10 GbE), 50um, 300m	92	850 / 1300	3.5 / 1.5	1500 / 500	1000 / 550	300
55 MaxCap (10 GbE), 50um, 550m	93	850 / 1300	3.5 / 1.5	3500 / 500	1100 / 550	550
SINGLEMODE						
SF Standard Loose Tube	4B	1310 / 1550	0.4 / 0.4			
ES ESMF Loose Tube	E1	1310 / 1383 / 1550	0.4 / 0.4 / 0.3			
BB BendBright Loose Tube	B1	1310 / 1383 / 1550	0.4 / 0.4 / 0.3			
BX BendBrightXS Loose Tube	X1	1310 / 1383 / 1550	0.4 / 0.4 / 0.3			

Other cable constructions and fiber performance grades available on request.



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