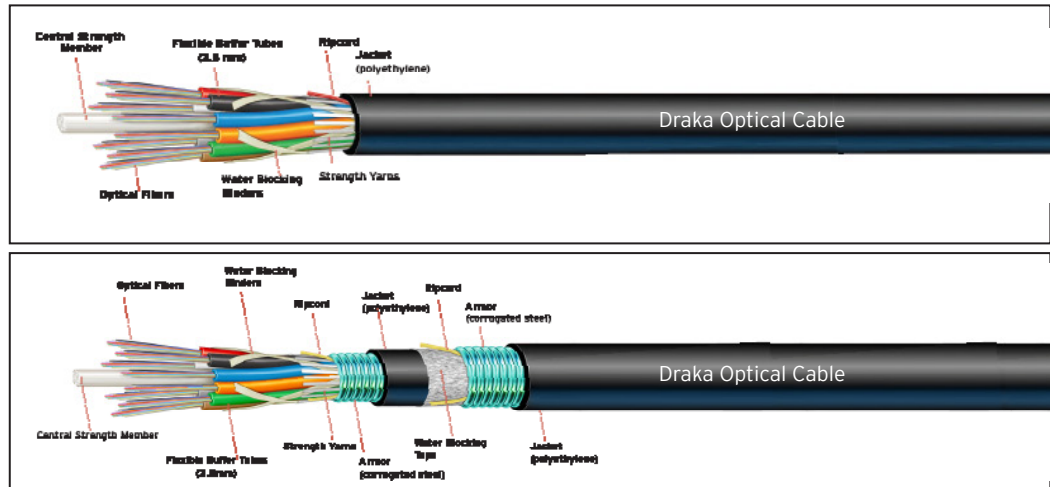


ezPREP® | Loose Tube

Loose Tube Cable (2.5mm)



Product Snapshot

Applications	Multi-purpose Outdoor - Aerial Lashed, Duct, Direct Buried
Constructions	Dielectric, Armored, Double Armored, Dual Jacket
Fiber Count	4 to 432 fibers in Color-coded Buffer Tubes
Fiber Types	Single-mode (ESMF, BendBright®, BendBright-XS, NZDSF-LA, TeraLight®) / Multimode / Hybrid
Options	Steel Central Member / 22 or 24 AWG Copper Pair(s) / 16 AWG Tonewire
Other Versions	Central / Heavy Duty / Indoor-Outdoor / Gel-Free
Performance	ICEA640, RUS 7 CFR 1755 (RUS Listed), Telcordia GR-20, and IEC 60794-3-11

Versatile multi-purpose fiber cable; robust performance and simple loose tube access & prep.

Draka's popular ezPREP Loose Tube cables provide versatile performance for aerial lashed, duct, and direct buried installations. These cables combine adhesive armor, flexible tubes, swellable dry water-blocking, and exclusive ColorLock® fiber coating to make ezPREP the easiest loose tube cables to access and prep - preferred by installers 3:1 over other brands.

Features & Benefits

Easy Cable Entry & Preparation

- Adhesive bond armor greatly improves mid-entry
- Ripcord speeds cable entry & outer jacket removal
- Dry core swellable binders speed cable prep

Flexible Routing & Termination

- Up to 20' buffer tube storage length supports multi-vendor FTTx pedestals, closures & cabinets
- 2.5 mm flexible buffer tubes simplify routing & splicing prep
- Available with BendBright, BendBright-XS, and BendBright Elite bend-tolerant single-mode fiber

(Continued on next page)

Content may be subject to change without notification

RUS
Listed

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Features & Benefits (cont.)

Multi-purpose Installation & Use

- Suitable for aerial lashed, duct, & direct buried installation
- Small diameter & light weight extend installation length
- Optional corrugated steel tape armor provides mechanical protection & rodent resistance

Reliable Lifetime Performance

- Exclusive ColorLock fiber coating (single-mode) for permanent embedded color & lifetime performance
- Proven water-blocking with swellable core elements & gel-filled buffer tubes
- Guaranteed standards-based performance

Dielectric (Non-Armored)

(ETH1JKT)

Fiber Count	# of Buffer Tubes	Diameter inches (mm)	Approximate Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)
4 to 60	5	0.39 (9.8)	46 (69)	8 (20)	4 (10)
62 to 72	6	0.41 (10.3)	55 (81)	8 (21)	4 (11)
74 to 84	7	0.44 (11.1)	61 (91)	9 (22)	4 (11)
86 to 96	8	0.47 (11.9)	71 (105)	9 (24)	5 (12)
98 to 108	9	0.51 (13.0)	81 (121)	10 (26)	5 (13)
110 to 120	10	0.54 (13.6)	88 (131)	11 (27)	5 (14)
122 to 132	11	0.57 (14.5)	104 (155)	11 (29)	6 (14)
134 to 144	12	0.61 (15.4)	117 (174)	12 (31)	6 (16)
146 to 216	18	0.61 (15.4)	120 (179)	12 (31)	6 (16)
218 to 264	22	0.67 (17.0)	143 (212)	13 (34)	7 (17)
266 to 288	24	0.71 (18.0)	162 (240)	14 (36)	7 (18)
290 to 432	36	0.80 (20.4)	210 (313)	16 (41)	8 (21)

Single Jacket Armored (SP)

(ETH1A1J)

Fiber Count	# of Buffer Tubes	Diameter inches (mm)	Approximate Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)
4 to 60	5	0.45 (11.5)	92 (137)	9 (23)	5 (11)
62 to 72	6	0.48 (12.3)	101 (157)	10 (25)	5 (12)
74 to 84	7	0.53 (13.5)	108 (160)	11 (27)	5 (14)
86 to 96	8	0.56 (14.3)	121 (180)	11 (29)	6 (14)
98 to 108	9	0.60 (15.3)	138 (206)	12 (31)	6 (15)
110 to 120	10	0.61 (15.5)	150 (223)	12 (31)	6 (16)
122 to 132	11	0.65 (16.6)	161 (240)	13 (33)	7 (17)
134 to 144	12	0.69 (17.6)	188 (280)	14 (35)	7 (18)
146 to 216	18	0.69 (17.6)	183 (272)	14 (35)	7 (18)
218 to 264	22	0.75 (19.1)	205 (305)	15 (38)	8 (19)
266 to 288	24	0.79 (20.1)	224 (334)	16 (40)	8 (20)
290 to 432	36	0.89 (22.7)	277 (412)	18 (46)	9 (23)

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Double Jacket Armored (PSP)
(ETH1A2J)

Fiber Count	# of Buffer Tubes	Diameter inches (mm)	Approximate Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)
4 to 60	5	0.51 (13.0)	111 (165)	10 (26)	5 (13)
62 to 72	6	0.55 (14.0)	121 (180)	11 (28)	5 (14)
74 to 84	7	0.56 (14.3)	128 (191)	11 (29)	6 (14)
86 to 96	8	0.60 (15.3)	143 (212)	12 (31)	6 (15)
98 to 108	9	0.63 (16.1)	161 (240)	13 (32)	6 (16)
110 to 120	10	0.66 (16.8)	174 (259)	13 (34)	7 (17)
122 to 132	11	0.69 (17.6)	187 (278)	14 (35)	7 (18)
134 to 144	12	0.74 (18.9)	210 (312)	15 (38)	7 (19)
146 to 216	18	0.74 (18.9)	210 (312)	15 (38)	7 (19)
218 to 264	22	0.79 (20.1)	235 (349)	16 (40)	8 (20)
266 to 288	24	0.83 (21.1)	255 (380)	17 (42)	8 (21)
290 to 432	36	0.94 (23.9)	312 (464)	19 (48)	9 (24)

Dielectric Double Jacket (PDP)
(ETHNA2J)

Fiber Count	# of Buffer Tubes	Diameter inches (mm)	Approximate Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)
4 to 60	5	0.46 (11.7)	68 (101)	9 (23)	5 (12)
62 to 72	6	0.48 (12.2)	78 (116)	10 (25)	5 (12)
74 to 84	7	0.51 (13.0)	86 (127)	10 (26)	5 (13)
86 to 96	8	0.54 (13.8)	97 (144)	11 (28)	5 (14)
98 to 108	9	0.58 (14.8)	112 (167)	12 (30)	6 (15)
110 to 120	10	0.61 (15.4)	121 (180)	12 (31)	6 (15)
122 to 132	11	0.64 (16.3)	135 (201)	13 (33)	7 (16)
134 to 144	12	0.67 (17.1)	145 (216)	13 (34)	7 (17)
146 to 216	18	0.67 (17.1)	154 (228)	13 (34)	7 (17)
218 to 264	22	0.74 (18.7)	179 (266)	15 (37)	7 (19)
266 to 288	24	0.78 (19.8)	200 (298)	16 (40)	8 (20)

Double Jacket Double Armored (SPSP)
(ETH2A2J)

Fiber Count	# of Buffer Tubes	Diameter inches (mm)	Approximate Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)
4 to 60	5	0.64 (16.3)	186 (277)	13 (33)	6 (16)
62 to 72	6	0.67 (17.1)	198 (295)	13 (34)	7 (17)
74 to 84	7	0.72 (18.3)	207 (308)	14 (37)	7 (18)
86 to 96	8	0.75 (19.1)	231 (344)	15 (38)	8 (19)
98 to 108	9	0.79 (20.1)	250 (372)	16 (40)	8 (20)
110 to 120	10	0.80 (20.4)	265 (394)	16 (41)	8 (20)
122 to 132	11	0.84 (21.4)	290 (432)	17 (43)	8 (21)
134 to 144	12	0.88 (22.4)	325 (483)	18 (45)	9 (22)
146 to 216	18	0.88 (22.4)	317 (472)	18 (45)	9 (22)
218 to 264	22	0.94 (23.9)	353 (525)	19 (48)	9 (24)
266 to 288	24	0.98 (24.9)	384 (571)	20 (50)	10 (25)

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Triple Jacket Double Armored (PSPSP)**(ETH2A3J)**

Fiber Count	# of Buffer Tubes	Diameter inches (mm)	Approximate Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)
4 to 60	5	0.70 (17.8)	218 (325)	14 (36)	7 (18)
62 to 72	6	0.73 (18.6)	232 (345)	15 (37)	7 (19)
74 to 84	7	0.78 (19.9)	249 (370)	15 (38)	8 (19)
86 to 96	8	0.79 (20.1)	270 (402)	16 (40)	8 (20)
98 to 108	9	0.82 (20.9)	297 (442)	16 (42)	8 (21)
110 to 120	10	0.85 (21.7)	320 (476)	17 (43)	9 (22)
122 to 132	11	0.88 (22.4)	347 (516)	18 (45)	9 (22)
134 to 144	12	0.83 (23.7)	379 (564)	19 (47)	9 (24)
146 to 216	18	0.93 (23.7)	379 (564)	19 (47)	9 (24)
218 to 264	22	0.98 (25.0)	417 (620)	20 (50)	10 (25)
266 to 288	24	1.02 (26.0)	446 (663)	20 (52)	10 (26)

Installation

- Maximum installation load 600 lbf (2670 N)
- Maximum operation load 180 lbf (800 N)

Temperature Range

- Shipping and Storage -40° F to +167° F (-40° C to +75° C)
- Installation -22° F to +140° F (-30° C to +60° C)
- Operation -40° F to +158° F (-40° C to +70° C)

Buffer Tube Color Code

Position	Base Color	Position	Base Color and Stripe	Position	Base Color and Stripe
1	Blue	13	Blue with Black Stripe	25	Blue with Red Stripe
2	Orange	14	Orange with Black Stripe	26	Orange with Red Stripe
3	Green	15	Green with Black Stripe	27	Green with Red Stripe
4	Brown	16	Brown with Black Stripe	28	Brown with Red Stripe
5	Slate	17	Slate with Black Stripe	29	Slate with Red Stripe
6	White	18	White with Black Stripe	30	White with Red Stripe
7	Red	19	Red with Black Stripe	31	Red with Yellow Stripe
8	Black	20	Black with Yellow Stripe	32	Black with Red Stripe
9	Yellow	21	Yellow with Black Stripe	33	Yellow with Red Stripe
10	Violet	22	Violet with Black Stripe	34	Violet with Red Stripe
11	Rose	23	Rose with Black Stripe	35	Rose with Red Stripe
12	Aqua	24	Aqua with Black Stripe	36	Aqua with Red Stripe

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Ordering Guide

The Draka Cable part number incorporates several significant attributes involving cable design and optical performance. The appropriate part number can be configured using the process described below.

Example: ezPREP Gel-Free Loose Tube | Single Armor Single Jacket (12 Fibers/Tube) with 72 ESMF Single-mode Fibers (printed in feet)

LENGTH MARKINGS	PRODUCT FAMILY	CONSTRUCTION	FIBER GROUPING	FIBER TYPE	FIBER COUNT	FIBER GRADE
F	ETH	1A1J	12	ES	072	E1

Part Number Construction

- Length Markings**
F = Feet or M = meters
- Product Family**
Refer to Table 1 - Product Information
- Construction**
1JKT = Single Jacket
1A1J = Single Armor, Single Jacket
1A2J = Single Armor, Dual Jacket
2A2J = Double Armor, Dual Jacket
2A3J = Double Armor, Triple Jacket
NA2J = Non Armored, Dual Jacket
- Fiber Grouping**
06 = 6f per unit or tube
12 = 12f per unit or tube
- Fiber Type**
Refer to Table 2 - Product Information
- Fiber count**
004 to 432 fibers
- Fiber Grade**
Refer to Table 2 - Product Information

2 Table 1 - Product Information

Product Code	Description
Outdoor Applications	
ETH	ezPREP Loose Tube

Table 2 - Fiber Information

5 Fiber Type	Description	7 Fiber Grade	Wavelength (nm)	Attenuation (dB/km)	Bandwidth (MHz km)	1 GbE Distance (meters)	10 GbE Distance (meters)
Singlemode	ES Enhanced Single-Mode (ITU G.652.C & D)	E1	1310/1383/1550	0.4/0.4/0.3			
	BB BendBright (ITU G.657.A1 & G.652)	E3	1310/1383/1550	0.35/0.35/0.25			
	BX BendBright-XS (ITU G.657.B2 & A2 & G.652.D)	E3	1310/1383/1550	0.35/0.35/0.25			
	TU TeraLight Ultra	NA	1310/1550	0.40/0.25			
	LA NZDSF-LA	N1	1550	0.25			
Multimode	6S OM1 (62.5µm)	M2	850/1300	3.5/1.0	200/500	300/550	33/___
	5E MaxCap-BB-OM2+ (50µm)	M3	850/1300	3.0/1.0	700/500	800/550	150/___
	5F MaxCap-BB-OM3 (50µm)	M3	850/1300	3.0/1.0	1500/500	1000/550	300/___
	5G MaxCap-BB-OM4 (50µm)	M3	850/1300	3.0/1.0	3500/500	1100/550	550/___

Other cable constructions and fiber performance grades available on request.

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