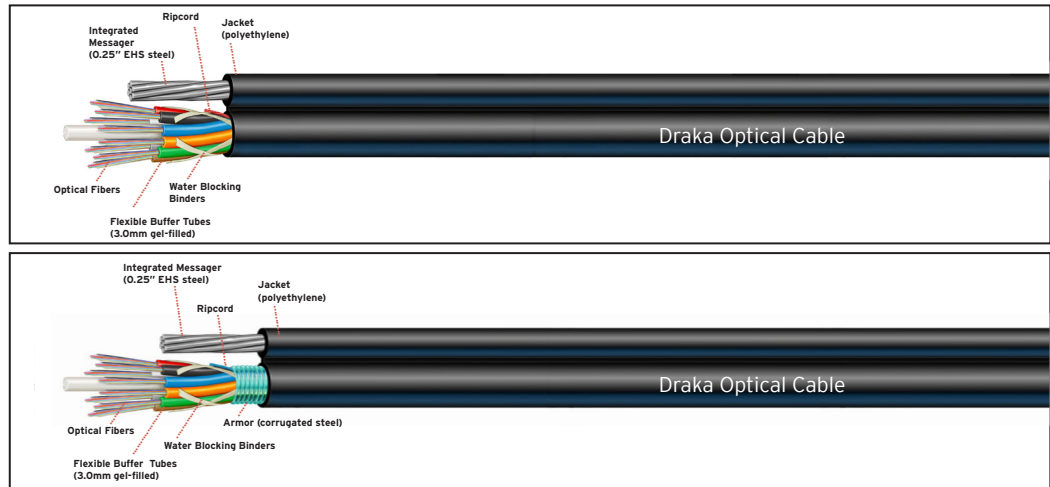


## ezPREP® Loose Tube | Figure 8 Integrated Messenger Loose Tube Cable



### Product Snapshot

<b>Applications</b>	Outdoor - Self-Support Aerial (Communications Space)
<b>Constructions</b>	Non-Armed, Armed with 0.25" (6.4mm) Integrated Messenger
<b>Fiber Count</b>	2 to 216 fibers in Color-coded Buffer Tubes
<b>Fiber Types</b>	Single-mode (ESMF, BendBright®, NZDSF-LA, TeraLight®) / Multimode / Hybrid
<b>Performance</b>	ANSI / ICEA 640, IEC, RUS 7 CFR 1755 (RUS Listed), Telecordia GR20

### One-step aerial deployment for up to 600' (180m) with integrated steel messenger.

Draka's ezPREP Loose Tube | Figure 8 version provides robust self-support aerial deployment and quick one-step installation using existing Figure 8 hardware and methods. Its 0.25" (6.4mm) Extra High-Strength galvanized steel support messenger can support spans up to 600' (180m) depending on environmental loading conditions. These cables uniquely combine adhesive armor, flexible buffer tubes, swellable water-blocking, and exclusive ColorLock® fiber coating to make ezPREP the easiest loose tube cables to access and prep.

### Features & Benefits

#### Easy Cable Entry & Preparation

- Adhesive bond armor greatly improves mid-entry
- Ripcord speeds cable entry & outer jacket removal
- Swellable binders speed cable preparation

#### Flexible Routing & Termination

- Flexible buffer tubes simplify routing & splicing prep
- Available BendBright & BendBright-XS bend-tolerant single-mode fiber

(Continued on next page)

Content may be subject to change without notification

**RUS**  
Listed

DS061 11/11/2011-V2

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2512 Penny Road | Claremont | North Carolina 28610-0039  
800.879.9862 | International 828.459.8895 | sales@drakaamericas.com

## Features & Benefits (cont.)

### Quick Installation & Robust Self-Support

- Quick one-step aerial installation using existing hardware & methods
- 0.25" (6.4mm) EHS steel messenger for spans up to 600' (180m)
- Optional corrugated steel tape armor provides mechanical protection & rodent resistance

### Reliable Lifetime Performance

- Exclusive ColorLock fiber coating (single-mode) for permanent embedded color & long-term performance
- Materials provide enhanced long-term reliability
- Guaranteed standards-based performance

## Dielectric

### (F8S1JKT)

Fiber Count	Diameter inches (mm)	Height inches (mm)	Approximate Cable Weight lb/kft (kg/km)	Bend Radius   Load inches (cm)	Bend Radius   No Load inches (cm)
2 - 72	0.51 (12.9)	0.96 (24.3)	225 (335)	10 (26)	5 (13)
74 - 84	0.54 (13.8)	0.99 (25.3)	235 (350)	11 (28)	6 (14)
86 - 96	0.59 (15.0)	1.04 (26.5)	247 (367)	12 (30)	6 (15)
98 - 108	0.63 (15.9)	1.07 (27.3)	257 (383)	13 (32)	7 (16)
110 - 120	0.66 (16.9)	1.12 (28.4)	269 (400)	13 (34)	7 (17)
122 - 132	0.70 (17.8)	1.16 (29.4)	281 (418)	14 (35)	7 (18)
134 - 216	0.74 (18.8)	1.19 (30.3)	304 (452)	15 (37)	8 (19)

## Armored

### (F8S1A1J)

Fiber Count	Diameter inches (mm)	Height inches (mm)	Approximate Cable Weight lb/kft (kg/km)	Bend Radius   Load inches (cm)	Bend Radius   No Load inches (cm)
2 - 72	0.56 (14.1)	1.02 (26.0)	279 (416)	11 (29)	9 (21)
74 - 84	0.59 (15.1)	1.06 (27.0)	293 (436)	12 (31)	9 (23)
86 - 96	0.64 (16.3)	1.11 (28.2)	310 (462)	13 (33)	10 (25)
98 - 108	0.67 (17.1)	1.14 (29.0)	323 (480)	14 (35)	10 (26)
110 - 120	0.72 (18.2)	1.18 (30.1)	338 (503)	14 (37)	11 (28)
122 - 132	0.76 (19.2)	1.22 (31.1)	354 (527)	15 (39)	12 (29)
134 - 216	0.79 (20.1)	1.26 (32.0)	381 (567)	16 (42)	12 (30)

## Loading Capabilities

- Maximum rated messenger load: 2600 lbf (11,500 N)
- Meets the loading conditions of heavy, medium, or light storm loading areas as defined by the National Electric Safety Code (NESC). Sag and tension tables are available, providing recommended installation and operating sag and tension.

## Maximum Span Distances

- Heavy Load: 350 ft to 400 ft (107m to 122m)
- Medium Load: 550 ft to 600 ft (168m to 183m)
- Light Load: 600 ft (183m)

## 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)

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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 | Figure 8, 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
1 F	2 F8S	3 1A1J	4 12	5 ES	6 072	7 E1

Part Number Construction	
1	<b>Length Markings</b> F = Feet or M = meters
2	<b>Product Family</b> Refer to Table 1 - Product Information
3	<b>Construction</b> 1JKT = Single Jacket 1A1J = Single Armor, Single Jacket
4	<b>Fiber Grouping</b> 06 = 6f per unit or tube 12 = 12f per unit or tube 24 = 24 per unit or tube
5	<b>Fiber Type</b> Refer to Table 2 - Product Information
6	<b>Fiber count</b> 002 to 216
7	<b>Fiber Grade</b> Refer to Table 2 - Product Information

2 Table 1 - Product Information	
Product Code	Description
<b>Outdoor Applications</b>	
F8S	ezPREP Loose Tube Figure 8 Up to 600' / 183m (Dependent on Loading)

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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