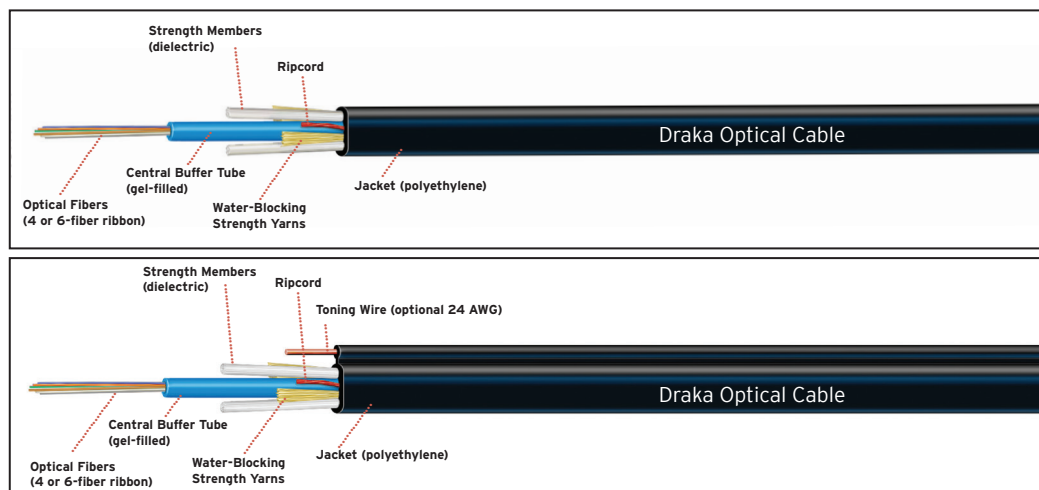


## ezDROP™ | Ribbon

Dielectric & Toneable Flat Ribbon Drop Cable



### Product Snapshot

<b>Applications</b>	Multi-purpose FTTx - Aerial Self-Support, Direct Buried, Duct
<b>Constructions</b>	Flat profile (Dielectric, Toneable)
<b>Fiber Count</b>	4 to 6 fibers (single ribbon)
<b>Fiber Types</b>	BendBright® Single-mode Fiber standard
<b>Options</b>	Packaging: Spool / Bulk Reel
<b>Performance</b>	ANSI / ICEA 717, IEC, RUS 7 CFR 1755, (RUS Compliant), Telecordia GR20 drop cable requirements

### Combines the ease of a flat ezDROP cable with the multi-fiber connectivity of a 4 or 6-fiber ribbon.

Draka's ezDROP | Ribbon version provides easy FTTx (Fiber-To-The-X) installation and multi-fiber ribbon splicing & connectivity using existing hardware and methods for drops to homes and businesses. Its flat profile supports aerial spans up to 300 feet, depending on environmental loading. The dielectric version eliminates the need for bonding and grounding. A toneable version adds a 24 AWG conductor for underground location capability, attached by a web for easy tear-away separation from the cable.

Draka's exclusive BendBright & BendBright-XS bend-tolerant fiber provides craft-friendly performance standard in ezDROP.

### Features & Benefits

#### Easy Cable Entry & Preparation

- Flat profile design uses economical wedge clamps
- Compatible with existing hardware & methods
- Ripcord speeds cable entry & jacket removal
- Optional Toning wire enables underground location

(Continued on next page)

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

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**RUS**  
Compliant

DS083 11/11/2014-V2

## Features & Benefits (cont.)

### Flexible Routing & Termination

- Flexible tube simplifies routing
- 4 or 6-fiber ribbon for multi-fiber splicing
- Standard BendBright bend-tolerant single-mode fiber

### Multi-purpose Installation & Use

- Suitable for self-support aerial, duct, & direct buried
- Spool & Bulk reel packaging simplify deployment

### Reliable Lifetime Performance

- Exclusive ColorLock<sup>®</sup> fiber coating for permanent embedded color & long-term performance
- Guaranteed standards-based performance

## Dielectric

### (DRS1JKT)

Fiber Count	Buffer Tube Inches (mm)	Width Inches (mm)	Height inches (mm)	Cable Weight lb/kft (kg/km)	Bend Radius   Load inches (cm)	Bend Radius   No Load inches (cm)	Maximum span with NESC Loading Conditions @ 1% Sag		
							Heavy ft (m)	Medium ft (m)	Light ft (m)
4 or 6	0.118 (3.0)	0.41 (10.4)	0.20 (5.0)	34 (51)	6.0 (15)	4.0 (10)	150 (46)	210 (64)	305 (93)

## Toneable

### (DRTNATJ)

Fiber Count	Buffer Tube Inches (mm)	Width Inches (mm)	Height inches (mm)	Cable Weight lb/kft (kg/km)	Bend Radius   Load inches (cm)	Bend Radius   No Load inches (cm)	Maximum span with NESC Loading Conditions @ 1% Sag		
							Heavy ft (m)	Medium ft (m)	Light ft (m)
4 or 6	0.118 (3.0)	0.51 (13.0)	0.20 (5.0)	38 (56)	6.0 (15)	4.0 (10)	140 (43)	205 (62)	285 (87)

## Package Options

### Dielectric

### Toneable

Fiber Count	Package	Dimensions HxWxD Inches (cm)		Dielectric Capacity ft (m)		Dielectric Ship Weight lbs (kg)		Toneable Capacity ft (m)		Toneable Ship Weight lbs (kg)	
4 or 6	18" Plywood Reel	18 x 15 x 8	(46 x 38 x 20)	1800 (550)	67 (30)	1700 (520)	75 (34)				
4 or 6	30" Plywood Reel	30 x 18 x 12	(76 x 46 x 30)	8000 (2440)	313 (142)	6400 (1950)	284 (130)				

## Installation

Installation in aerial applications: Sag to be  $\geq 1\%$

Installation in duct applications

- 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)

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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:** ezDROP | Ribbon, Toneable Single Jacket (6 Fibers/Ribbon) with 6 BendBright single-mode Fibers (printed in feet)



### Part Number Construction

- Length Markings**  
F = Feet or M = meters
- Product Family**  
Refer to Table 1 - Product Information
- Construction**  
1JKT = Single Jacket  
NATJ = Non Armored Toneable Jacket
- Fiber Grouping**  
04 = 4f per unit or tube  
06 = 6f per unit or tube
- Fiber Type**  
Refer to Table 2 - Product Information
- Fiber count**  
001 to 006
- Fiber Grade**  
Refer to Table 2 - Product Information

### Table 1 - Product Information

Product Code	Description
DRS	ezDROP Ribbon   Dielectric
DRT	ezDROP Ribbon   Toneable

### Table 2 - Fiber Information

5 Fiber Type	Description	7 Fiber Grade	Wavelength (nm)	Attenuation (dB/km)
Singlemode	BB 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

Other cable constructions and fiber performance grades available on request.

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