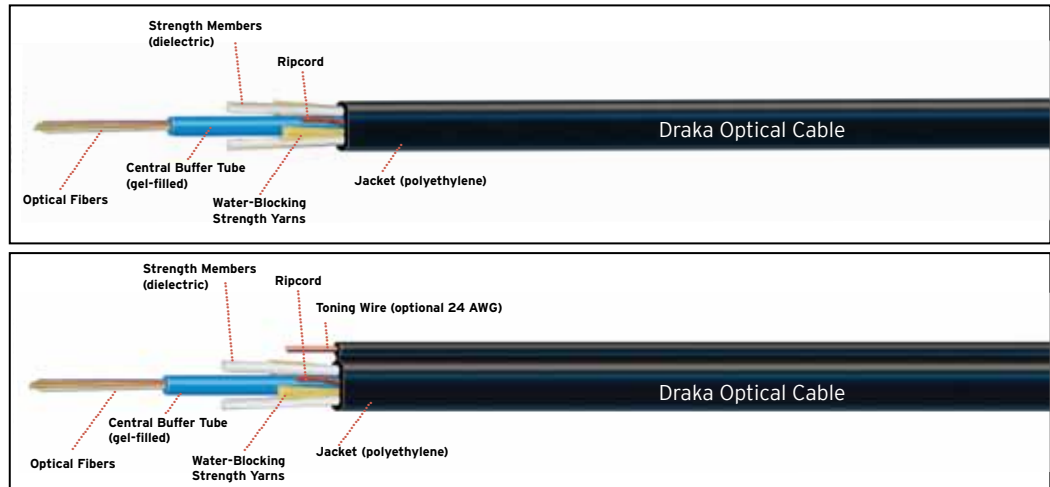


ezDROP™ | Flat

Dielectric & Toneable Flat Drop Cable



Product Snapshot

Applications	Multi-purpose FTTx - Aerial Self-Support, Direct Buried, Duct
Constructions	Flat profile (Dielectric, Toneable)
Fiber Count	1 to 12 fibers
Fiber Types	BendBright® Single-mode Fiber standard
Options	Packaging: Portable Box / Spool / Bulk Reel Preconnectorized: 1 or 2 ends
Performance	ICEA 717, IEC, RUS 7 CFR 1755 (RUS LISTED), Telecordia GR20 (drop cable requirements)

Flat out the easiest fiber drop cable to handle, access and terminate.

Draka's ezDROP | Flat cable provides easy FTTx (Fiber-To-The-x installation and termination using existing hardware and methods for drops to homes and businesses. Its flat profile is compatible with economical wedge clamps for self-support aerial spans up to 300 feet, depending on environmental loading. An all-dielectric version eliminates the need for bonding and grounding. A toneable version adds a 24 AWG conductor that provides underground location capability, attached by a web for easy tear-away separation from the cable - the most popular option for underground and multi-purpose installation.

Portable boxes and spools simplify widespread deployment, and preconnectorized ezDROP cables enable plug & play connectivity for quick subscriber additions. Draka's exclusive BendBright fiber provides craft-friendly bend tolerance over the entire single-mode wavelength spectrum.

Content may be subject to change without notification

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RUS
Listed

DS081 11/11/2014V3

Value Innovation for your Next Generation Access Network

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

Features & Benefits

Easy Cable Entry & Preparation

- Flat profile utilizes economical wedge clamps
- Compatible with existing installation hardware & methods
- Ripcord speeds cable entry & jacket removal
- Toning wire enables underground location (toneable option)

Flexible Routing & Termination

- Flexible buffer tube simplifies routing & splicing
- Preconnectorized option for plug & play connectivity
- Standard BendBright bend-tolerant single-mode

Multi-purpose Installation & Use

- Suitable for self-support aerial, duct, & buried
- Portable box & spool packaging

Reliable Lifetime Performance

- Exclusive ColorLock® fiber coating for permanent embedded color & long-term performance
- Proven water-blocking with swellable core elements & gel-filled buffer tube
- Guaranteed standards-based performance

Dielectric (DFS1JKT)

Fiber Count	Buffer Tube Inches (mm)	Width Inches (mm)	Height inches (mm)	Cable Weight lb/kft (kg/km)	Bend Radius Load		Bend Radius No Load		Maximum span with NESC Loading Conditions @ 1% Sag		
					inches (cm)	inches (cm)	Heavy ft (m)	Medium ft (m)	Light ft (m)		
1 - 6	0.075 (1.9)	0.31 (8.0)	0.15 (3.9)	22 (33)	4.6 (12)	3.1 (8)	150 (46)	210 (64)	305 (93)		
7 - 12	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 (DFTNATJ)

Fiber Count	Buffer Tube Inches (mm)	Width Inches (mm)	Height inches (mm)	Cable Weight lb/kft (kg/km)	Bend Radius Load		Bend Radius No Load		Maximum span with NESC Loading Conditions @ 1% Sag		
					inches (cm)	inches (cm)	Heavy ft (m)	Medium ft (m)	Light ft (m)		
1 - 6	0.075 (1.9)	0.42 (10.7)	0.15 (3.9)	25 (37)	4.6 (12)	3.1 (8)	140 (43)	205 (62)	285 (87)		
7 - 12	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

Fiber Count	Package	Dimensions HxWxD Inches (cm)	Dielectric		Toneable	
			Capacity ft (m)	Ship Weight lbs (kg)	Capacity ft (m)	Ship Weight lbs (kg)
1 - 6	Drop Box	15.5 x 13 x 15.5 (39 x 33 x 39)	1320 (400)	36 (16.3)	1000 (304)	32 (14.5)
1 - 6	18" Plywood Reel	18 x 15 x 8 (46 x 38 x 20)	3000 (900)	70 (32)	2500 (760)	69 (31)
1 - 6	30" Plywood Reel	30 x 18 x 12 (76 x 46 x 30)	11500 (3500)	294 (134)	11500 (3500)	329 (149)
7 - 12	18" Plywood Reel	18 x 15 x 8 (46 x 38 x 20)	1800 (550)	67 (30)	1700 (520)	75 (34)
7 - 12	30" Plywood Reel	30 x 18 x 12 (76 x 46 x 30)	8000 (2440)	313 (142)	6400 (1950)	284 (130)

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Installation

Installation in aerial applications: Sag to be 1%

Installation in duct applications

- Maximum short term pulling load

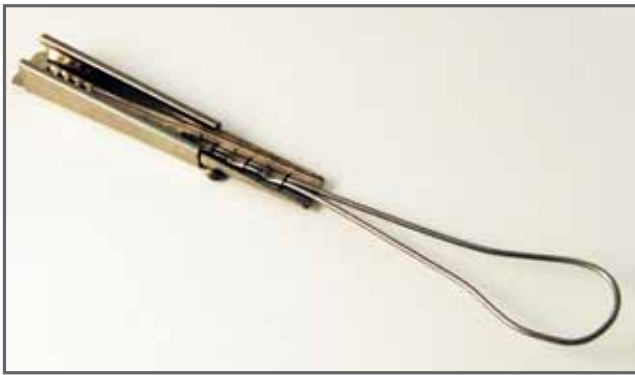
1 - 6 F	7 - 12 F
300 lbf (1335 N)	600 lbf (2670 N)

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)

Mounting Hardware - Clamp

Manufacturer	Catalog Number	Clamp Description	Drop Cable Compatibility
Belden	23-88881	2 Pair Stainless Steel Drop Wire Clamp	1 to 6 fibers
Belden	23-96651	6 Pair Stainless Steel Drop Wire Clamp	1 to 12 fibers



Available at:

Power & Telephone Supply Company
800-238-7514

Graybar
800-472-9227

Outdoor Cable 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 Flat Toneable Single Jacket (12 Fibers/Tube) with 2 BendBright Single-mode Fibers (printed in feet)

LENGTH MARKINGS	PRODUCT FAMILY	CONSTRUCTION	FIBER GROUPING	FIBER TYPE	FIBER COUNT	FIBER GRADE
1 F	2 DFT	3 NATJ	4 12	5 BB	6 002	7 E1

Part Number Construction

- Length Markings**
F = Feet or M = meters
- Product Family**
Refer to Table 1 - Product Information
- Construction**
1JKT = Single Jacket
NATJ = Non-Armor Toneable Jacket
1JKTB = Single Jacket - Drop Box
NATJB = Non-Armor Toneable Jacket - Drop Box
- Fiber Grouping**
06 = 6f per unit or tube
12 = 12f per unit or tube
- Fiber Type**
Refer to Table 2 - Product Information
- Fiber count**
001 to 012
- Fiber Grade**
Refer to Table 2 - Product Information

Table 1 - Product Information

Product Code	Description
Outdoor Applications	
DFS	ezDROP Flat Dielectric
DFT	ezDROP Flat 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.