



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™ Singlemode Fiber standard
Options	Packaging: Portable Box / Spool / Bulk Reel Preconnectorized: 1 or 2 ends
Performance	ANSI/ICEA, IEC, RUS, Telcordia GR-20 drop cable requirements

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

Draka's ezDROP | Flat version 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 singlemode wavelength spectrum.

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

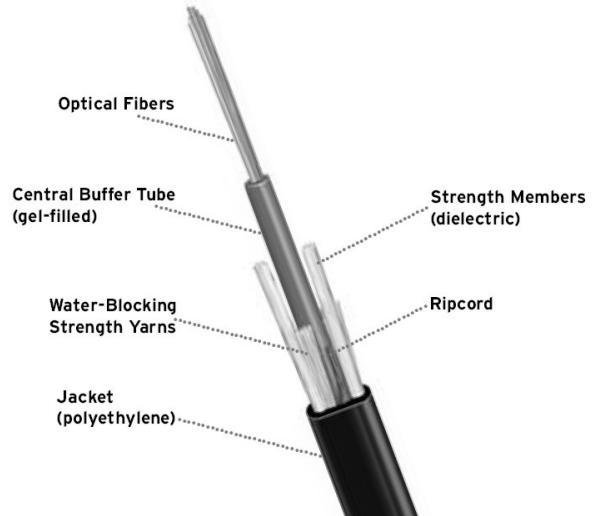
- Flexible buffer tube simplifies routing & splicing
- Preconnectorized option for plug & play connectivity
- Standard BendBright™ bend-tolerant singlemode

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 Flat Drop



Toneable Flat Drop

Draka ezDROP™ | Flat Drop Cable

ezDROP™ | Flat

Dielectric & Toneable Flat Drop Cable

Dielectric (DFS1JKT)									
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		
							Heavy/ft(m)	Medium/ft(m)	Light/ft(m)
1 to 6	.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 to 12	.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 inches (cm)	Bend Radius No Load inches (cm)	Maximum Span with NESC Loading Conditions		
							Heavy/ft(m)	Medium/ft(m)	Light/ft(m)
1 to 6	.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 to 12	.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 hwxwd inches (cm)	Capacity ft(m)	Ship Weight lbs (kg)	Capacity ft (m)	Ship Weight lbs (kg)
1 to 6	Drop Box	15.5x13x15.5 (39x33x39)	1320 (400)	36 (16.3)	1000 (304)	32 (14.5)
1 to 6	18" Plywood Reel	18x15x8 (46x38x20)	3000 (900)	70 (32)	2500 (760)	69 (31)
1 to 6	30" Plywood Reel	30x18x12 (76x46x30)	11500 (3500)	294 (134)	11500 (3500)	329 (149)
7 to 12	18" Plywood Reel	18x15x8 (46x38x20)	1800 (550)	67 (30)	1700 (520)	75 (34)
7 to 12	30" Plywood Reel	30x18x12 (76x46x30)	8000 (2440)	313 (142)	6400 (1950)	284 (130)

Mechanical Specifications

Installation

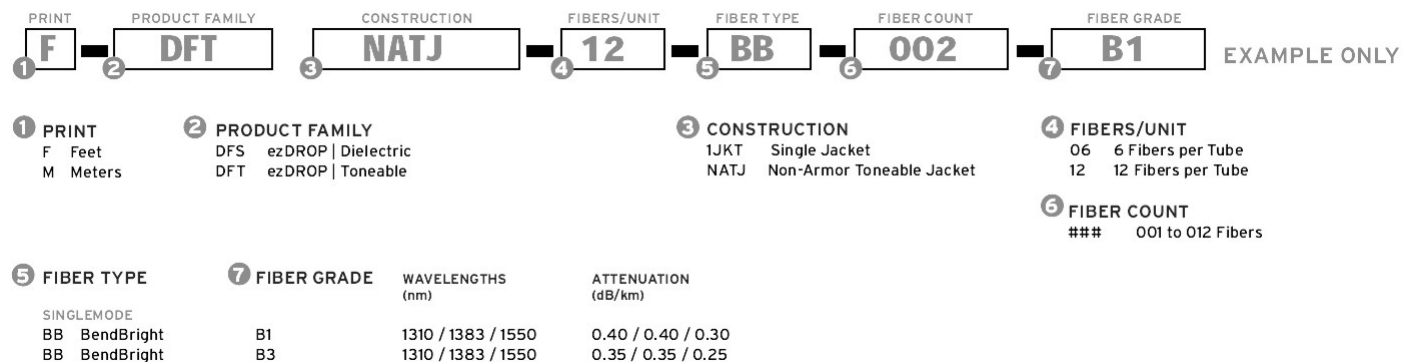
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|-----------------------------|------------------|------------------|
| | 1-6F | 7-12F |
| • Maximum installation load | 300 lbf (1335 N) | 600 lbf (2670 N) |
| • Maximum operation load | 90 lbf (400 N) | 180 lbf (800N) |

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)

Ordering Guide

Example: ezDROP™ Flat Toneable Single Jacket (12 Fibers/Tube) with 2 BendBright Singlemode Fibers (Printed in feet)



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Specifications Subject To Change Without Notice.