

ezRIBBON™ | Stranded Tube

Stranded Tube Ribbon Cable

Product Snapshot

Applications	Multi-purpose Outdoor - Aerial Lashed, Duct, Direct Buried High Counts / High Density / Mass Splicing
Constructions	Dielectric, Armored
Fiber Count	288 to 864 fibers in 12-fiber Ribbons
Fiber Types	Singlemode (ESMF, BendBright)
Options	Preconnectorized / Central Tube design (see data sheet)
Performance	ANSI/ICEA, IEC, RUS, Telcordia GR-20

Robust high-count ribbon cables for 12-fiber "mass" fusion splicing productivity & standards-based performance.

Draka's ezRIBBON | Stranded Tube cables combine robust performance for aerial lashed, duct, and direct buried installations with the productivity of high-count mass fusion splicing. These ezRIBBON cables utilize 12-fiber ribbons in stranded tubes from 288 to 864 fibers.

Like all ezRIBBON cables, these Stranded Tube versions combine adhesive armor, flexible tubes, swellable water-blocking, and exclusive ColorLock® fiber coating to make ezRIBBON the easiest ribbon 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
- [+] Compatible with ribbon tools & methods (heat stripping, mechanical peel & mass splicing)

Flexible Routing & Termination

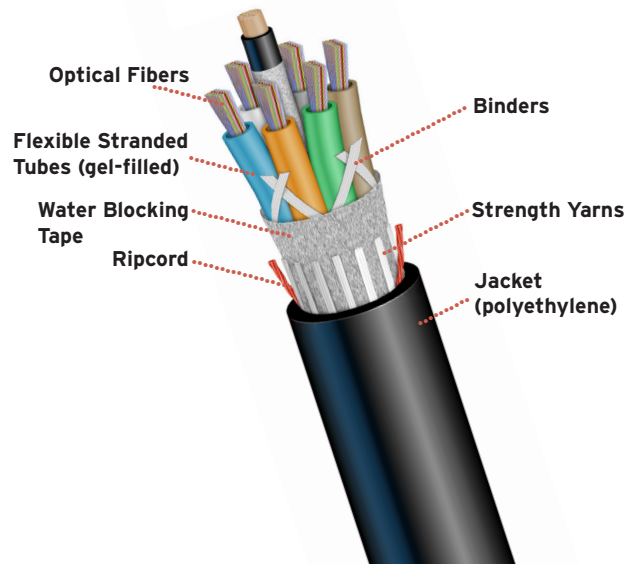
- [+] Flexible stranded tubes simplify routing
- [+] ColorLock provides consistently reliable coloring ribbon geometry & encapsulation for enhanced durability
- [+] Available BendBright™ bend-tolerant singlemode fiber

Multi-purpose Installation & Use

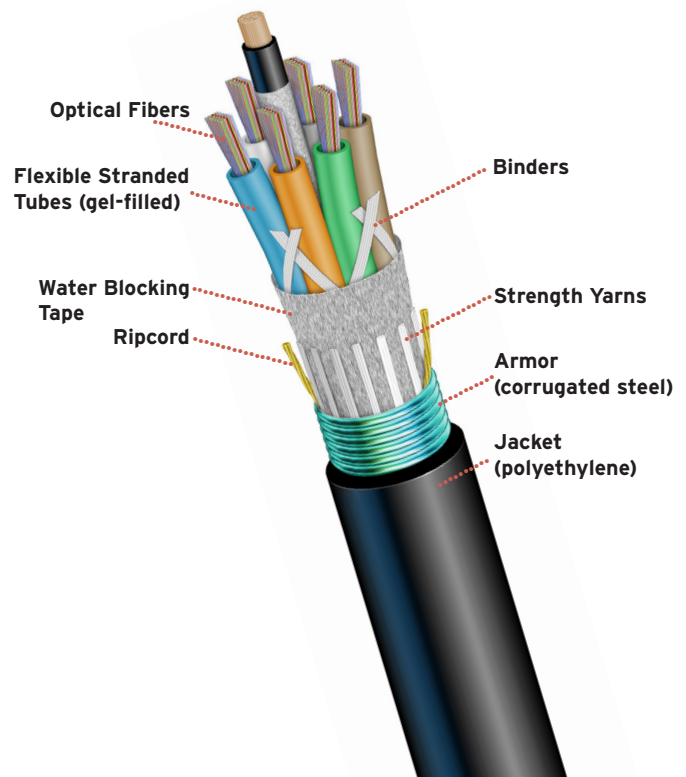
- [+] Suitable for aerial lashed, duct, & direct buried
- [+] Optional corrugated steel tape armor provides mechanical protection & rodent resistance

Reliable Lifetime Performance

- [+] Guaranteed standards-based performance
- [+] Exclusive ColorLock® fiber coating (singlemode) for permanent embedded color & long-term performance
- [+] Proven water-blocking with swellable core elements & gel-filled core tube



Dielectric Stranded Tube Ribbon



Armored Stranded Tube Ribbon

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Dielectric

(SRS1JKT)

Fiber Count	Diameter inches (mm)	Approximate Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)
288 to 432	1.02 (25.9)	320 (476)	20 (52)	10 (26)
576 to 864	1.04 (26.4)	322 (479)	21 (53)	11 (27)

Armored (SP)

(SRS1A1J)

Fiber Count	Diameter inches (mm)	Approximate Cable Weight lb/kft (kg/km)	Bend Radius Load inches (cm)	Bend Radius No Load inches (cm)
288 to 432	1.09 (27.7)	411 (612)	22 (55)	16 (42)
576 to 864	1.18 (30.0)	430 (640)	24 (60)	18 (45)

Mechanical Specifications

Installation

- [+] Maximum installation load **1000 lbf** (4448 N)
- [+] Maximum operation load **300 lbf** (1334 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)

Ordering Guide

For Ordering or More Information Contact Us at sales@drakacomteq.us or **800.879.9862**.

Example: ezRIBBON™ | Stranded Tube, Single Armor Single Jacket (12 Fibers/Ribbon) with 432 ESMF Singlemode Fibers (Printed in Feet)



- 1 PRINT**
F Feet
M Meters
- 2 PRODUCT FAMILY**
SRS ezRIBBON | Stranded Tube
- 3 CONSTRUCTION**
1JKT Single Jacket
1A1J Single Armor, Single Jacket
- 4 FIBERS/UNIT**
12 12 Fibers per Ribbon
- 6 FIBER COUNT**
288 to 864 Fibers

5 FIBER TYPE	7 FIBER GRADE (nm)	WAVELENGTHS (dB/km)	ATTENUATION
SINGLEMODE			
ES ESMF	E1	1310 / 1383 / 1550	0.40 / 0.40 / 0.30
	E3	1310 / 1383 / 1550	0.35 / 0.35 / 0.25
BB BendBright	B3	1310 / 1383 / 1550	0.35 / 0.35 / 0.25

Other cable constructions and fiber performance grades available on request.

