



Specialty Fiber



Issue date: 02/10  
Supersedes: 12/09

For the Telecommunication industry

- Mass-fusion splicing applications
- Optical components
- Optical fiber splitters
- Ribbon Patchcords

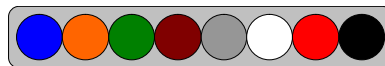
**Product Type:** BendBright-XS Ribbon  
**Ribbon:** UV Curable Acrylate  
**Coating Type:** Natural or ColorLock-XS

Draka's BendBright-XS Single-Mode Optical Fiber Ribbon provides industry leading macro-bending performance in a multi-fiber planar ribbon array. The UV Curable Acrylate Ribbon Material allows for easy handling and strip-ability. Available in both standard fiber geometry and Draka's precision Patch Cord fiber geometry for applications with stringent geometry requirements.



Value Innovation is a way of looking at the world. How we can help our customers do more, make more, save more, achieve more.

Features	Benefits
Ribbonized fiber	Optimal for mass-fusion splicing and multi-fiber connectorization
Extremely low bend loss	Allows for small bend radii for tight space applications
Compatible with ITU-T G.657.A2 & G.657.B2 and G.652.D	Meets most stringent industry fiber bending standards and is backwards compatible with existing single-mode fibers
Draka's Proprietary manufacturing process	Superior geometry, uniformity and homogeneity



### 8-fiber BendBright-XS Ribbon with ColorLock-XS Fibers

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**Optical Specifications**
**Attenuation**

Attenuation Coefficient at 1310 nm	≤ 0.4 dB/km
Attenuation Coefficient at 1550 nm	≤ 0.3 dB/km

**Geometrical Specifications**

Fiber Count	Ribbon Width (μm)	Ribbon Height (μm)	Planarity (μm)
4	1030 ± 80	315 ± 35	≤ 25
6	1510 ± 80	315 ± 35	≤ 30
8	1995 ± 80	315 ± 35	≤ 30
12	3020 ± 80	315 ± 35	≤ 50

**Mechanical Specifications**

Standards	Telcordia GR-20-CORE Issue 2 ICEA S-87-640-2006
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**Environmental Specifications**

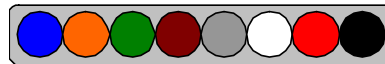
Operating Temperature	≥ - 40°C to ≤ + 70°C
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**Fiber Types**

BendBright-XS for normal applications

BendBright-XS Patch Cord for applications requiring precise fiber geometry

Fibers available in Natural or ColorLock-XS Coating


**8-fiber BendBright-XS Ribbon with ColorLock-XS Fibers**
**How can we be of service to you?**

Value Innovation is a way of looking at the world. How can we help our customers do more, make more, save more, achieve more? Take DrakaElite™. Based on our proprietary manufacturing process and our control of all technological building blocks, we offer an extensive portfolio of specialized optical fibers that have been designed, developed, manufactured

and tested for every environment. Whether you want to guide, amplify, transmit, process, control or sense light, Draka has the fiber you need, whatever your environment. And if for some reason we don't have exactly what you need, well, we'll just make it.

That's Value Innovation in action.

**Draka Communications**

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