

# ezPATCH™ | Connectorized Cable

BendBright-XS® with Hardened Lens Contact Connectors  
Bend-Insensitive Singlemode Fiber Jumpers & Pigtails  
with HLC® ScratchGuard®



## Product Snapshot

<b>Applications</b>	Interconnect & Cross-Connect Patch, Splice Central Office, Headend, LAN, Data Center
<b>Configurations</b>	Jumpers (2 ends) - Patch Cords Pigtails (1 end) - Splicing Terminated Fibers
<b>Connector Types</b>	Styles: SC, LC, FC, ST, Ruggedized Connector Polishes: UPC (Ultra PC), APC (Angled PC)
<b>Fiber Types</b>	BendBright-XS Singlemode (G.652D, G.657)
<b>Cable Types</b>	Riser (OFNR), Plenum (OFNP)
<b>Cable Diameters</b>	Simplex: 3 mm, 2 mm, 1.6 mm, 900 um Duplex: 3 mm Zipcord, 2 mm Zipcord, 3 mm round

## Advanced bend-insensitive fiber cable assemblies for today's rigorous communications environments.

Draka optical patchcords with bend insensitive BendBright-XS singlemode fiber are optimized for enhanced low macrobending sensitivity compared to standard singlemode fiber patchcords. These patchcords support smaller footprint fiber management systems that save space in crowded telecom offices and cabinets. They also minimize the power losses associated with accidental low radius kinks and bends. Enhanced macrobending loss characteristics further guarantee that the 1625nm window (L-band) will be available for future use in this bandwidth hungry environment. Draka's bend-insensitive patchcords with BendBright-XS singlemode fiber are fully compatible with the existing singlemode fibers used in current networks.

\*Meglodon's (Hardened Lens Contact) HLC® Scratchguard® technology meets the growing need for a scratch resistant, highly durable fiber optic mating surface. The ScratchGuard connector technology is a critical step forward in connector quality and durability. It reduces potential connector end-face damage due to handling and repeated use. These benefits can save both capital and operating costs.

## Features & Benefits

- [+] High-quality HLC Laser polishing process gives optimal geometries for better connection and reconnection performance
- [+] Tight tolerance control for reliable, low-loss connections and reconnections
- [+] HLC ScratchGuard protects the connector end face from scratches due to handling and repeated use.



ST-UPC



SC-UPC

## Features & Benefits

### SC-UPC

- [+] Stable, pull-proof
- [+] Push-pull mounting
- [+] 2.5mm zirconia ceramic ferrule
- [+] Keyed for repeatable connections
- [+] Widely used for telecommunications

### SC-APC

- [+] Same mechanical design as SC-UPC
- [+] Low return loss needed for CATV applications
- [+] Physical contact polish at 8 degrees

### LC-UPC

- [+] LAN and high-density applications
- [+] 1.25mm zirconia ceramic ferrule
- [+] RJ-45 latching style
- [+] Duplex patchcords meeting simplex version specifications
- [+] APC - physical contact polish at 8 degrees

### FC-UPC

- [+] Compatible with JIS specification
- [+] Stable, pull-proof
- [+] 2.5mm zirconia ceramic ferrule
- [+] Keyed for repeatable connections
- [+] APC - physical contact polish at 8 degrees

### ST-UPC

- [+] LAN, premise and telecom applications
- [+] Fully compatible with all ST connector products
- [+] Bayonet style twist coupling
- [+] 2.5mm zirconia ceramic ferrule
- [+] Keyed for repeatable connections

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## Ordering Guide

For More Information Contact Us at [sales@drakaamericas.com](mailto:sales@drakaamericas.com) or 800.879.9862.

### Patchcord and OSP 1F Drop Cables

1 Family	2 Fiber Type	3 Cable	4 Flame Rating	5 Cable Diameter	6 Fiber Count	7 First Connector	8 Second Connector	9 Length	10 Length Units
P=Pigtail J=Jumper	F=BBXS Blue Jkt G=BBXS Yellow Jkt	A=Simplex B=Duplex Zip C=3mm Duplex Round I=1F Dielectric Drop J=1F Toneable Drop	I=Indoor/Outdoor O=Outdoor P=Plenum R=Riser Z=LSZH	A=.9mm B=1.6mm C=2.0mm E=2.9mm F=NA	01,02	N=SCU HLC* O=SCA HLC* P=FCU HLC* Q=LCU HLC* R=STU HLC* S=LCU 40 boot HLC*	N=SCU HLC* O=SCA HLC* P=FCU HLC* Q=LCU HLC* R=STU HLC* S=LCU 40 boot HLC*	Length 0000- 9999	F=Feet M=Meters
	X	X	X	X	XX	X	X	XXXX	X

## CONFIGURATION QUESTIONS FOR PATCHCORD

### 1. Are connectors on one end or both ends?

- P Pigtail is One End  
 J Jumper is Two End

### 2. What is the Fiber Type?

- F BendBright-XS with Blue Jacket (Standard)  
 G BendBright-XS with Yellow Jacket

### 3. What is the Cable Type?

- A Simplex  
 B Duplex Zip  
 C Duplex Round 3mm

### 4. What is the Flame Rating?

- R Riser  
 P Plenum  
 Z Low Smoke Zero Halogen

### 5. What is the Cable OD; or Unit OD in DX Zip?

- A 0.9mm (Simplex only)  
 B 1.6mm  
 C 2.0mm  
 E 2.9mm

### 6. What is the Fiber Count?

- 01 Simplex  
 02 Duplex

### 7. What is the First Connector Type?

- N SCU HLC\*  
 O SCA HLC\*  
 P FCU HLC\*  
 Q LCU HLC\*  
 R STU HLC\*  
 S LCU 40 boot HLC\*

### 8. What is the Second Connector Type?

- N SCU HLC\*  
 O SCA HLC\*  
 P FCU HLC\*  
 Q LCU HLC\*  
 R STU HLC\*  
 S LCU 40 boot HLC\*  
 X PIGTAIL

### 9. What is the Length?

- 0000-  
9999 Length for Cable

### 10. What is the Unit of Measure?

- M Meter  
 F Feet

\*AVAILABLE WITH BENDBRIGHT-XS ONLY

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## Polish Specifications

Polish Type	Insertion loss	Back Reflection	Connector Type
Ultra Polish Physical Contact (UPC)	<= 0.20 dB per mated pair	<= -60 dB per mated pair	SC, LC, FC, ST
Angled Polish Physical Contact (APC)	<=0.20 dB per mated pair	<= -75 dB per mated pair	SC, LC, FC, ST

## Questions To Answer Before You Order.

1. Are Connectors on one End or Both Ends? \_\_\_\_\_
2. What is the Fiber Type? \_\_\_\_\_
3. What is the Cable Type? \_\_\_\_\_
4. What is the Flame Rating? \_\_\_\_\_
5. What is the Cable OD; or Unit OD in DX Zip? \_\_\_\_\_
6. What is the Fiber Count? \_\_\_\_\_
7. What is the First Connector Type? \_\_\_\_\_
8. What is the Second Connector Type? \_\_\_\_\_
9. What is the Length? \_\_\_\_\_
10. What is the Unit of Measure? \_\_\_\_\_