Reliable patch cords & pigtails for everywhere you need to connectorize fibers

FiberSource patch cords are compatible with all industry applications and fully compliant to industry standards including Telcordia GR-326. Patch cords are manufactured to rigorous quality standards to assure a high degree of precision. A fully automated polishing process ensures optimum geometries for radius of curvature, apex offset, and fiber undercut tolerances. Precise tolerance control results in reliable low-loss connections and rematings over the long term and under a wide range of operating conditions. All patch cords with singlemode or multimode fibers are available in various cable diameters and Hybrid assemblies are also available.

**Configurations**
- Jumpers (2 ends) - Patch Cords
- Pigtails (1 end) - Splicing Pre-terminated Fibers

**Connector Types**
- Styles: SC, LC, FC, ST, Ruggedized Connector
- Polishes: UPC (Ultra PC), APC (Angled PC - 8)

**Fiber Types**
- Singlemode (BendBrightXS, BendBright)
- Multimode (MaxCap 10 GbE, HiCap 1 GbE, 50um or 62.5um)

**Cable Types**
- Riser (OFNR), Plenum (OFNP)

**Cable Diameters**
- Simplex: 3.0 mm, 2.0 mm, 1.6 mm, 900 um
- Duplex: 3.0 mm Zipcord, 2.0 mm Zipcord

**Features & Benefits:**

- High-quality automated polishing process gives optimal geometries for better connection and reconnection performance
- Tight tolerance control for reliable, low-loss connections and rematings
- Wide range of connectors that support multiple applications.
- Please review FiberSource Connector specifications.

*Call your FiberSource Representative for type availability. Some variations may have limited availability or may be subject to minimum order.*
**SC-UPC/APC**
- Same mechanical design as SC-UPC
- 2.5 mm zirconia ceramic ferrule
- Compact design, high density, available in SX or DX design
- APC – physical contact polish at 8°
- APC - Low return loss needed for CATV applications

**LC-UPC/APC**
- LAN and high-density applications
- 1.25 mm zirconia ceramic ferrule
- RJ-45 latching style
- Compact design, high density, available in SX or DX design
- Duplex patchcords meeting simplex version specifications
- APC – physical contact polish at 8°

**FC-UPC/APC**
- Compatible with JIS specification
- Stable, pull-proof
- 2.5 mm zirconia ceramic ferrule
- Keyed for repeatable connections
- APC – physical contact polish at 8°

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

### Specification for SM jumper/ pigtails:
- Jumper Length Tolerance: +/- 5%

**SCA, FCA and LCA end specification:**
- Insertion Loss: \( \leq 0.50 \text{ dB} \),
  Typical: 0.20 dB
- Return Loss: \( \geq 65 \text{ dB (APC)} \)

**SCU, FCU, LCU and STU specification:**
- Insertion Loss: \( \leq 0.50 \text{ dB} \),
  Typical: 0.20 dB
- Return Loss: \( \geq 55 \text{ dB (UPC)} \)

### Specification for MM jumper/ pigtails:
Jumper Length Tolerance: +/- 10%

**SCU, FCU, LCU and STU specification:**
- Insertion Loss: \( \leq 0.50 \text{ dB} \),
  Typical: 0.15 dB

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Ordering patch cords & pigtails

**Configurations**
- Jumpers (2 ends) - Patch Cords
- Pigtails (1 end) - Splicing Pre-terminated Fibers

**Connector Types**
- Styles: SC, LC, FC, ST, Ruggedized Connector: ODVA, Optitap®
- Polishes: UPC (Ultra PC), APC (Angled PC - 8)

**Fiber Types**
- Singlemode (BendBrightXS, BendBright, Standard SM)
- Multimode (MaxCap 10 GbE, HiCap 1 GbE, 50um or 62.5um =Om4, Om3, Om2, OM1)

**Cable Types**
- Indoor or I/O: Riser (OFNR), Plenum (OFNP)
- Outdoor – untreated.

**Cable Diameters**
- Simplex: 3.0 mm, 2.0 mm, 1.6 mm, 900 um
- Duplex: 3.0 mm Zipcord, 2.0 mm Zipcord

**Multi fiber Cable**
- Multi fiber: Indoor, I/O, Outdoor
- Lose Tube (LT) or Distribution
- Dielectric or armored
- FTTX: flat drop… Dielectric or Toneable.

For Multifiber pigtail or Jumper assembly: specify breakout length (length of the individual legs) and the OD of the legs:

12F SCU PDR Pigtail, 18” 900micron colored legs, in yellow tube (PDR= Premise Distribution Riser)

(no SM fiber specified identify ESMMB or standard SM fiber SMF-28 equivalent)

*Call your FiberSource Representative for type availability. Some variations may have limited availability or may be subject to minimum order*
<table>
<thead>
<tr>
<th>Family</th>
<th># of fibers</th>
<th>Type</th>
<th>Fiber Type</th>
<th>Cable Type</th>
<th>Jacket color</th>
<th>Connectors (one or both end)</th>
<th>Breakout length</th>
<th>Legs OD</th>
<th>Legs type</th>
<th>Length In M /F</th>
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</thead>
<tbody>
<tr>
<td>Pigtail Jumper-</td>
<td>1-288</td>
<td>SM MM</td>
<td>ESM MBB</td>
<td>BBXS</td>
<td>SX-</td>
<td>SCU SCU DX for Duplex</td>
<td>4” – 48”</td>
<td>0.9mm</td>
<td>2.0mm</td>
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<td>DX zip</td>
<td>SCA SCA DX for Duplex</td>
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<td>DX dist=OFNR</td>
<td>LCU LCU DX for Duplex</td>
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<td>O-Arm Out-D Armored Etc..</td>
<td>ODVA LC Special:</td>
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i.e:

- Pigtail-12F-SM-BBXS-Dist-OFNR-SCU-18”-0.9mm color coded, yellow tube, - 200F long
- Jumper 2F MM-OM3-DX Zip-Aqua-SC-LCUDX-3.0mm- 5M long
- Pig-144F-ESMBB- Dist OFNR-Yellow-SCUDX – 24” color coded 0.9mm legs; 200M long.

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