Fiber Optic Patch Cords

Patching solutions for all your interconnect needs
Fiber Connections was one of the first companies in Canada to specialize in the manufacturing of pre-terminated fiber optic patch cords and cable assemblies. With the help of our partners and customers we are still one of the industry leaders when it comes to offering high quality patch cords with outstanding service. You’ve invested a lot of time and money in your cabling system and network equipment and you deserve to have the highest quality patch cords making that final connection. We offer three different series of patch cords depending on your needs.

**KEY FEATURES**

- all standard fiber and connector types available
- custom configurations available upon request
- standard lengths are stocked and non-standard lengths can be made to order quickly
- 100% factory installed and tested
- 100% encircled flux compliant patch cords available upon request
- economy (R) series available to help you stay on budget
- certified CAH Corning Gold series products available
- P and V series cords are made in our North American facilities
- 100% end face geometry (EFG) testing available upon request
Certified CAH Corning Gold (P series)

Fiber Connections is a Corning CAH Gold program member. Gold program members adhere to Corning recommended manufacturing practices and are subject to annual audits by Corning. Through this prestigious membership, Fiber Connections is able to produce and offer certified Corning patch cords that would be covered under Corning’s extended warranty program.

Value Plus Patch Cords (V series)

The Value Plus (V) series patch cords are built using high quality components in our North American manufacturing facility. These cords can be manufactured quickly to any custom length with almost any possible combination of fiber and connector type for a very competitive price.

Economy Patch Cords (R series)

Fiber Connections also offers a line of reliable standard patch cords to suit any budget. Standard simplex and duplex patch cords are available in both single mode and multimode fiber with many standard connector configurations. Lengths are available in 1 through 15 meters. Many of the standard configurations can be found in stock.
Fiber Optic Patch Cords

Ordering Information

**Patch Cord Series**
- P: P Series (Corning Gold)
- V: V Series
- R: R Series

**Fiber Type**
- 1: 62.5/125 (OM1)
- 2: SM (OS2)
- 3: 50/125 (OM2)
- 9: 50/125 (OM3)
- A: 50/125 (OM4)
- Z: Custom

**Fiber Count**
- 1: 1 Fiber
- 2: 2 Fiber
- Z: Custom

**Cable Type**
- A: 900um Tight Buffered
- B: 1.6mm Simplex
- C: 2mm Simplex
- D: 3mm Simplex
- E: 1.6mm Duplex
- F: 2mm Duplex
- G: 3mm Duplex
- Z: Custom

**Connector Types**
- LC: LC Simplex
- LD: LC Duplex
- LU: LC Uniboot
- LM: LC Mini
- SC: SC Simplex
- SD: SC Duplex
- ST: ST
- 0: Pigtail / Untermimated
- SA: SC/APC
- SZ: SC/APC Duplex
- FC: FC
- FA: FC/APC
- LA: LC/APC
- RM: MTRJ (m) Pinned
- RJ: MTRJ (f) non-pinned
- ZZ: Custom

**Cable Rating**
- R: Riser FT4
- P: Plenum FT6
- D: Riser (FT4) Armored
- E: Plenum (FT6) Armored
- L: LSZH
- T: PVC (for 900um)
- Z: Custom

**Polarity**
- F: Standard
- G: Reversed
- Z: Custom

**Assembly Performance**
- E: EFG (Ref. Grade)
- F: EFG (Ref. Grade) w/test data
- LA: Low Loss
- LM: Low Loss w/test data
- S: Standard Performance
- T: Standard Performance w/test data
- Z: Custom

**Pull-kits**
- 0: None
- 1: 1 installed
- 2: 2 installed

Length in meters

Please contact customer service for additional information.
Custom configurations available upon request.
All specifications are subject to change.
# Fiber Optic Patch Cords

## Technical Specifications

### Fiber Performance Specifications

<table>
<thead>
<tr>
<th>Fiber Type</th>
<th>Maximum Attenuation (dB/km)</th>
<th>Min Over Filled Launch (MHz-Km)</th>
<th>Min. Effective Modal Bandwidth (MHz-km)</th>
<th>Serial 1 Gigabit Ethernet Distance (m)</th>
<th>Serial 10 Gigabit Ethernet Distance (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>850 nm 1300 nm</td>
<td>850 nm 1300 nm</td>
<td>850 nm 1300 nm</td>
<td>850 nm 1300 nm</td>
<td>850 nm 1300 nm</td>
</tr>
<tr>
<td>OM1</td>
<td>2.4 1.0</td>
<td>260 500</td>
<td>220 0</td>
<td>300 550</td>
<td>33 -</td>
</tr>
<tr>
<td>OM2</td>
<td>3.0 1.0</td>
<td>700 500</td>
<td>950 0</td>
<td>750 600</td>
<td>150 -</td>
</tr>
<tr>
<td>OM3</td>
<td>3.0 1.0</td>
<td>1500 500</td>
<td>2000 0</td>
<td>1000 600</td>
<td>300 -</td>
</tr>
<tr>
<td>OM4</td>
<td>3.0 1.0</td>
<td>3500 500</td>
<td>4700 0</td>
<td>1300 600</td>
<td>550 -</td>
</tr>
<tr>
<td>OS2</td>
<td>0.5 0.5</td>
<td>- -</td>
<td>- -</td>
<td>5000 -</td>
<td>10000 40000</td>
</tr>
</tbody>
</table>

### Connector Performance Specifications

<table>
<thead>
<tr>
<th>Connector Type</th>
<th>Max Insertion Loss (dB)</th>
<th>Reflectance OS2 (dB)</th>
<th>Reflectance OM3/OM4 (dB)</th>
<th>Durability</th>
<th>Ferrule Material</th>
<th>Housing Material</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Low Loss / EFG Grade</td>
<td>Standard</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>LC</td>
<td>0.2 0.4</td>
<td>≤ -55</td>
<td>≤ -25</td>
<td>&lt; 0.2dB</td>
<td>Ceramic</td>
<td>Composite</td>
</tr>
<tr>
<td>SC</td>
<td>0.2 0.4</td>
<td>≤ -55</td>
<td>≤ -25</td>
<td>&lt; 0.2dB</td>
<td>Ceramic</td>
<td>Composite</td>
</tr>
<tr>
<td>ST</td>
<td>0.2 0.4</td>
<td>≤ -55</td>
<td>≤ -25</td>
<td>&lt; 0.2dB</td>
<td>Ceramic</td>
<td>Metal Alloy</td>
</tr>
<tr>
<td>FC</td>
<td>0.2 0.4</td>
<td>≤ -55</td>
<td>≤ -25</td>
<td>&lt; 0.2dB</td>
<td>Ceramic</td>
<td>Metal Alloy</td>
</tr>
<tr>
<td>SCapc</td>
<td>0.2 0.4</td>
<td>≤ -65</td>
<td>≤ -25</td>
<td>&lt; 0.2dB</td>
<td>Ceramic</td>
<td>Composite</td>
</tr>
<tr>
<td>FCapc</td>
<td>0.2 0.4</td>
<td>≤ -65</td>
<td>≤ -25</td>
<td>&lt; 0.2dB</td>
<td>Ceramic</td>
<td>Metal Alloy</td>
</tr>
<tr>
<td>LCapc</td>
<td>0.2 0.4</td>
<td>≤ -65</td>
<td>≤ -25</td>
<td>&lt; 0.2dB</td>
<td>Ceramic</td>
<td>Metal Alloy</td>
</tr>
<tr>
<td>MTRJ</td>
<td>0.3 0.4</td>
<td>≤ -40</td>
<td>≤ -25</td>
<td>&lt; 0.2dB</td>
<td>Composite</td>
<td>Composite</td>
</tr>
</tbody>
</table>