Armored Patch Cables

PERFECT SOLUTION FOR INSTALLS THAT REQUIRE EXTRA PROTECTION

Indoor Armored Fiber Patch Cables

The armored patch cables will allow you to protect your critical and essential fiber optic network with a crush-resistant and rodent-resistant jacket. The cable is a perfect solution for installing that require extra protection. The jacket contains steel armor and an aramid yarn strength member which allows the cable to remain extremely flexible while also being crush and rodent resistant.

Standards Compliance

• ISO9001 Compliant
• RoHS Compliant

Features

• High quality zirconia ferrules.
• Good repeatability and interchangeability.
• OS2/OM4/OM3/OM2/OM1 are available.
• LC/SC/ST/FC/LSH connectors are available.
• Perfect solution for installs that require extra protection.
• Factory terminated and tested for insertion loss, return loss and end face.
## Technical Specification

### Physical Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Fiber Count</th>
<th>Fiber Mode</th>
<th>Fiber Grade</th>
<th>Connector A</th>
<th>Connector B</th>
<th>Polish Type</th>
<th>Cable Jacket</th>
<th>Jacket Color</th>
<th>Cable Diameter (mm)</th>
<th>Minimum Bend Radius (mm)</th>
</tr>
</thead>
</table>

### Optical Characteristics

<table>
<thead>
<tr>
<th>Description</th>
<th>Insertion Loss (dB)</th>
<th>Return Loss (dB)</th>
<th>Wavelength (nm)</th>
<th>Tensile Loads (N)</th>
<th>Operating Temperature</th>
<th>Storage Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Insertion Loss (dB)</td>
<td>≤0.3</td>
<td>SMF: UPC≥50, APC≥60; MMF: ≥20</td>
<td>SMF: 1310/1550; MMF: 850/1300</td>
<td>400 (Long Term)/600 (Short Term)</td>
<td>-40°C to 75°C</td>
<td>-45°C to 85°C</td>
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<tr>
<td>Return Loss (dB)</td>
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### Website

[www.fs.com](http://www.fs.com)
Cable Structure

Armored fiber patch cables feature a specialized jacketing that increases the durability of fiber cables. In addition, the stainless steel tube allows optical fiber to be installed in indoor harsh environments where a traditional fiber optic patch cable may fail, such as environments with excessive dust, or even damage-causing rodents etc.

*The cable structure is shown above for reference with single mode, and the multimode cable will only be different in jacket color.

Hot Products

<table>
<thead>
<tr>
<th>ID</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>#40384</td>
<td>1m (3ft) LC UPC Duplex OS2 Single Mode Armored PVC (OFNR) 3.0mm Fiber Optic Patch Cable</td>
</tr>
<tr>
<td>#41655</td>
<td>1m (3ft) SC APC Simplex OS2 Single Mode Armored PVC (OFNR) 3.0mm Fiber Optic Patch Cable</td>
</tr>
<tr>
<td>#41030</td>
<td>1m (3ft) LC UPC Duplex OM4 Multimode Armored PVC (OFNR) 3.0mm Fiber Optic Patch Cable</td>
</tr>
<tr>
<td>#41822</td>
<td>1m (3ft) LC UPC Duplex OM3 Multimode Armored PVC (OFNR) 3.0mm Fiber Optic Patch Cable</td>
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