Belden’s OptiTuff Mini Fiber Cable is the only cable that combines the durability of metal armored solutions with the performance and installation ease of non-armored solutions. This cable doesn’t just stand above other cables in its category—it stands alone. It provides a cost-effective, ruggedized option to replace traditional metal armored and non-armored fiber products in FTTx, POL/PON and raised-floor applications—with no grounding or conduit required. Fewer layers and the elimination of metal armor creates a lightweight cable with a high level of flexibility, plus a small diameter and small bend radius for easy cable preparation, installation and pulling.

Key Features

- 90% lighter than metal armored cable
- 70% smaller OD vs metal armored cable and 50% smaller OD vs non-armored cable
- Small bend radius for high-density raceway or tray installation (3 times smaller than non-armored; 9 times smaller than metal armor)
- Rugged enough to be stapled to walls
- High crush resistance for excellent reliability

Benefits at a Glance

- Smaller diameter supports space savings in high-density installations
- Lighter weight and anti-kink properties make pulling fast and easy
- High crush resistance and durability eliminate the need for conduit
- Increased flexibility as compared to metal armored cables
- Cost-effective alternative to traditional metal armored fiber
- No grounding kit necessary, resulting in material and labor cost savings

Key Applications

Data Center
- IDF
- Raised Floor
- White Space
- Workstation

Enterprise LAN
- FTTx
- POL/PON

Ordering Information

OptiTuff Mini Fiber Cables Configuration

<table>
<thead>
<tr>
<th>Fiber Count</th>
<th>Belden Part Number</th>
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<tbody>
<tr>
<td>OM4 Erika Violet</td>
<td>OS2 Yellow</td>
</tr>
<tr>
<td>6</td>
<td>FI4X006W0</td>
</tr>
<tr>
<td>12</td>
<td>FI4X012W0</td>
</tr>
<tr>
<td>24</td>
<td>FI4X024W0</td>
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Building a SmartPart Number

Please select from options below to build your SmartPart number.

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<th>FI</th>
<th>S</th>
<th>X</th>
<th>006</th>
<th>W</th>
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<tr>
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</tbody>
</table>

Example:

FISX006W0 - FX Indoor, OS2, OptiTuff Mini, 6 Fibers, OFNP, 250 μm, Yellow Jacket