EZ-Bend® 4.8 & 3.0 Ruggedized Stapleable Cables

**Features**
- 3.0 and 4.8 diameter ruggedized cordage
- Less than 0.1 dB macrobending attenuation at 1550 nm for 1 turn at 5 mm fiber bend radius
- Less than 0.3 dB macrobending attenuation at 1550 nm when subjected to MDU Simulation Test called out by ICEA S-115-730
- Solid construction fiber with macrobending performance far better than ITU G.657.B3 requirements
- Backward compatible with installed G.652.D fibers
- Conform to UL® Riser and Plenum fire ratings
- Compliant with Telcordia 409 & ICEA S-83-596 requirements
- Dry water-blocked core to protect against water ingress
- Reinforced solid jacket construction naturally limits cable bending to control macrobending attenuation and protect fiber reliability

**Benefits**
- **Staple friendly:** Ruggedized cords designed to allow common stapling methods
- **MDU and In-Home Optimized:** Ideal for in-residence wiring and difficult installation routes in MDU overbuilds
- **Faster, easier installation:** no extra steps to install bend limiters, conduits, or raceways
- **Compact installation and storage:** Conforms to building; slack fits in small spaces
- **Fast, easy, low loss splicing** to G.652.D fiber with existing core and clad aligned splice equipment
- **Familiar, standard connector termination:** Solid fiber construction can be terminated using standard optical connectors and polishing techniques
- **Familiar connector endface cleaning** using same process as with existing G.652 solid construction fiber
- **Greener Solution:** Free of heavy metals and RoHS-compliant; solution uses fewer total materials and energy than copper solutions

**EZ-Bend Ruggedized Optical Cable Cross-Sections**

- 900 µm Buffered Fiber
- Aramid Yarn
- Flame-Retardant Outer Jacket

**Simplex and Duplex**

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**Product Description**

With the EZ-Bend® 3.0 Ruggedized Cables, users have expanded options for MDU, in-home wiring and aggressive, space-constrained routing environments. When a low profile and durability are needed, select the 3.0 mm product. For more demanding deployments, the EZ-Bend 4.8 Ruggedized Cable is ideal. EZ-Bend cables are offered in indoor/outdoor, riser, plenum, and dual-rated low-smoke zero-halogen (LSZH) constructions. These cables can be routed around corners and stapled using traditional fast and easy installation practices, with negligible signal loss.
Table: Product Information

<table>
<thead>
<tr>
<th>Cable Type</th>
<th>Descriptors</th>
<th>Nominal Weight kg/km (lb/100 ft)</th>
<th>CPR Rating</th>
<th>DoP Lookup: <a href="http://www.ofs-sales.com/cpr/">www.ofs-sales.com/cpr/</a></th>
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</thead>
<tbody>
<tr>
<td>Indoor/Outdoor Cables</td>
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<tr>
<td>3.0 Indoor/Outdoor Riser</td>
<td>IR30-001C-DRK-4-WPVC</td>
<td>7.60 (0.51)</td>
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<td></td>
</tr>
<tr>
<td>4.8 Indoor/Outdoor Riser</td>
<td>IO48-001D-DRK-4-WPVC</td>
<td>22.0 (1.48)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.0 Indoor/Outdoor Non-Halogen</td>
<td>IR30-001C-DHK-4-UVB</td>
<td>7.60 (0.51)</td>
<td>Dca-s1, d1, a1</td>
<td>IR30-H</td>
</tr>
<tr>
<td>4.8 Dual-Rated* Indoor/Outdoor LSZH</td>
<td>IO48-001E-DDK-4-WPVC</td>
<td>22.9 (1.53)</td>
<td>Eca</td>
<td>IO48-D</td>
</tr>
<tr>
<td></td>
<td>LGIO-002E-DDK-4-4.8mm**</td>
<td>22.9 (1.53)</td>
<td>Dca-s1, d2, a1</td>
<td>LGIO-D</td>
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<td></td>
<td>Duplex only available as dual rated</td>
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<tr>
<td>Indoor Cables</td>
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</tr>
<tr>
<td>4.8 Indoor Plenum</td>
<td>9P48-001D-DPW-4</td>
<td>24.5 (1.65)</td>
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<td></td>
</tr>
<tr>
<td>4.8 Dual-Rated* Indoor LSZH</td>
<td>9U48-001E-DDW-4</td>
<td>24.8 (1.67)</td>
<td>Eca</td>
<td>9U48-D</td>
</tr>
</tbody>
</table>

* Dual-Rated Cables are rated for both riser and LSZH application use.

**NOTE:** Standard color for indoor cables is a white jacket. Standard color for indoor/outdoor cables is a black jacket. Please note that other jacket colors are available upon customer request.

Example of Standard Sheath Marking (Custom sheath marking available upon request)
Black-Jacketed Riser-Rated 4.8 Ruggedged I/O Cable with EZ-Bend Technology:
OFS INTERCONNECT EZ-BEND® 6.657.B3 OPTICAL CABLE ~C~ T048-001D-DRK-4-WPVC 9/125 C (UL) US TYPE OFNR [CSA OFN FT4] {MM/YY} {LOT NUMBER} {LENGTH IN FEET}

For additional information please contact your sales representative.
You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.