## Features
- Achieves a diameter 10% to 15% smaller than our standard product (FA Series) by applying an extrusion technique for thin wall thickness.
- Realizes a minimized bending radius by means of our original braid shield using copper alloy and tinsel wire.
- Enables customization for your desired UL style and outer diameter.

### Use
- Power supply and signal transmission for robots and machine tools where wiring in a small space is required.

### Characteristics
- **Rating temperature**: 80°C
- **Withstand voltage**: 300 V
- **Min. insulating resistance (at 20°C)**: 1,000 MΩ-km

### Cable structure and performance

#### Comparison with standard product (FA Series)

<table>
<thead>
<tr>
<th>Example of product designation</th>
<th>UL2464-SB (FLEX) 4P × 16AWG(7/38/0.08)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bending resistance of about 10 million times equivalent to FA Series</strong></td>
<td>bending radius/sheath outer diameter (R/D)</td>
</tr>
<tr>
<td></td>
<td>10^6</td>
</tr>
<tr>
<td><strong>Bending radius (mm)</strong></td>
<td>1.5</td>
</tr>
</tbody>
</table>

#### Example of structure

<table>
<thead>
<tr>
<th>UL2464 (FLEX) 12 × 23 AWG (60/0.08)</th>
</tr>
</thead>
<tbody>
<tr>
<td>UL2464-SB (FLEX) 6 × 23 AWG (60/0.08)</td>
</tr>
</tbody>
</table>

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*The values shown above are not guaranteed values, but actual measurements.*

**Additional designation for the case with a shield**

**Conductor size and configuration**

**No. of pairs or wire cores**

**UL conformity**

**RoHS conformity**

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**Correspondent UL style of FLEX Series**

The FLEX Series can be customized to meet your desired UL style and outer diameter. We can also handle composite types that combine different AWG sizes.