**SZ-Slotted Core Cable**

SZ-slotted core cable is designed for feeder cable in underground duct application and/or Mid-Span Access (mid-span cable branch), realizing the ease of FTTx network construction. Either 4-fiber or 8-fiber ribbons are accommodated into the grooves, reducing the splicing time during the installation.

### Features and Benefits
- **Easy mid-span access**
- **High density fiber count** - Up to 800-fiber counts are available
- **Mass fusion splice** - Reduces the splicing time
- Totally dry core structure enhances the installation workability
- Proven slotted core design provides outstanding optical fiber protection
- Available with full range of fiber types
- Cable structure is customizable upon the request

### Cross Sectional View of Fiber Ribbon

- **4-fiber ribbon**
  - Optical fiber
  - Color coating
  - Thickness
  - Width

- **8-fiber ribbon**
  - Optical fiber
  - Color coating
  - Thickness
  - Width

### Specification

<table>
<thead>
<tr>
<th>Item</th>
<th>4-fiber ribbon</th>
<th>8-fiber ribbon</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fiber ribbon type</td>
<td>4-fiber ribbon</td>
<td>8-fiber ribbon</td>
</tr>
<tr>
<td>Fiber count</td>
<td>4-24</td>
<td>8</td>
</tr>
<tr>
<td>Outer diameter (mm)</td>
<td>9</td>
<td>10.5</td>
</tr>
<tr>
<td>Weight (kg/km)</td>
<td>65</td>
<td>80</td>
</tr>
<tr>
<td>Maximum pulling tension (N)</td>
<td>630</td>
<td>820</td>
</tr>
<tr>
<td>Minimum bending radius (mm)</td>
<td>90</td>
<td>105</td>
</tr>
</tbody>
</table>

* This is typical specification. Furukawa Electric reserves the right to improve, enhance and modify the specification of these products without prior notification.

### Fundamental Construction

The ribbon is easily taken off from the slotted core at any point of the network (mid-span access).