FOSC® 400G Fiber Optic Splice Closure with Multi-out Gel Seals

The FOSC-400G is a single-ended, environmentally sealed enclosure for fiber management in the outside plant network. FOSC-400G closures have the same splice capacity as FOSC-400 closures and feature the same reliable and easy to use dome-to-base clamping system. The major difference between the closures is that the FOSC-400G’s cable sealing terminations are done by using multi-out gel-sealing technology instead of heat shrink. This allows up to 16 cables to be sealed in a single round port. It is easy to remove cables, and gel seals are completely re-usable.

Key features for the FOSC-400G closures:

- Single-ended design
- Available in 4 sizes
- Base and dome sealed with clamp and O-ring system
- 2 or 5 round cable ports
- Oval seals ordered separately
- FOSC splice trays hinged for access to any splice without disturbing other trays
- Compatible with most common cable types: e.g. loose tube, central core, slotted core, ribbon fiber
- Uncut or expressed loose tubes can be stored in storage baskets
- Closure can be used in aerial, pedestal and underground (up to 2 meters waterhead) environments

Product Classification

Regional Availability  Asia | EMEA
Product Type  Single-ended, round fiber closure
Product Brand  FOSC®
Product Series  FOSC 400G

General Specifications

Cable Entry Drop Port Style  Round
Closure Sealing Type  Dome-to-base clamp with O-ring
Closure Style  Single-ended
Color  Black
Mounting  Pole | Strand | Wall
Network Area Type  Feeder
Splicing Type, Supported  Single fusion

Dimension Drawing
Port Configuration

<table>
<thead>
<tr>
<th>Oval ports</th>
<th>2 cables/port</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Ø</td>
<td>2x5mm</td>
</tr>
<tr>
<td>Maximum Ø</td>
<td>2x15mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Round ports</th>
<th>1 cable/port</th>
<th>2 cable/port</th>
<th>3 cable/port</th>
<th>4 cable/port</th>
<th>8 cable/port</th>
<th>16 cable/port</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum Ø</td>
<td>1x11mm</td>
<td>2x8mm</td>
<td>3x6.5mm</td>
<td>4x4mm</td>
<td>8x3mm</td>
<td>16x0mm</td>
</tr>
<tr>
<td>Maximum Ø</td>
<td>1x14mm</td>
<td>2x11mm</td>
<td>3x8mm</td>
<td>4x7mm</td>
<td>8x5mm</td>
<td>16x3mm</td>
</tr>
</tbody>
</table>

Splicing Configuration

<table>
<thead>
<tr>
<th>Type of splice tray</th>
<th>AG A 10-11.5mm thick</th>
<th>AG A 10-11.5mm thick</th>
<th>D5/BG A 10-11.5mm thick</th>
<th>D5/G D 13mm thick</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of trays without storage basket</td>
<td>N/A</td>
<td>N/A</td>
<td>12</td>
<td>8</td>
</tr>
<tr>
<td>Number of trays with storage basket</td>
<td>2</td>
<td>6</td>
<td>N/A</td>
<td>6</td>
</tr>
<tr>
<td>Splice capacity</td>
<td>Fibers</td>
<td>Fibers</td>
<td>Fibers</td>
<td>Fibers</td>
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<tr>
<td>Single element splicing</td>
<td>48</td>
<td>144</td>
<td>288</td>
<td>768</td>
</tr>
<tr>
<td>Ribbon fiber splicing [12 fiber]</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>1152(e)</td>
</tr>
</tbody>
</table>

(e) Uses 4 FOSC D ribbon trays [288 splices/tray]
Material Specifications

Material Type
Impact-resistant polymer

Environmental Specifications

Environmental Space
Below ground | Buried

Regulatory Compliance/Certifications

Agency
ISO 9001:2015

Classification
Designed, manufactured and/or distributed under this quality management system