Fiber Splice Closures
FOR DIELECTRIC, ARMORED, AND OPGW CABLES
Hubbell Power Systems’ Windsor fiber splice closures are designed by former splice technicians with flexibility and ease of workmanship in mind. All splice closures are sold fully assembled to reduce labor costs, splicing time, and chances of craft error. With over 30 years of splicing product design and manufacturing experience, and proven field performance, Windsor closures are the ideal choice for your fiber networks.

**KEY FEATURES:**
- Shipped Fully Assembled
- For Dielectric, Armored, and OPGW Cables
- EPDM rubber compression seal
  - Waterproof
  - Peel out concentric rings to quickly and accurately size seal to cable
  - Split to provide access to all ports without service interruption
- All ports are slotted to eliminate trapped cables allowing easy cable additions and mid-sheath splicing
- Unsurpassed buffer tube storage capacity
- Convenient carrying/lifting handle
- IG closures facilitate toning of individual cables without needing to reenter the closure
- Assembled in the USA
- RUS Buy American compliant

**THREE END PLATE OPTIONS:**
- Dielectric
- Isolated Ground
- OPGW

<table>
<thead>
<tr>
<th>MODEL</th>
<th>SPLICE CAPACITY</th>
<th>DOME DIMENSIONS</th>
<th>CABLE PORTS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>SINGLE</td>
<td>RIBBON</td>
<td>OPENING</td>
</tr>
<tr>
<td>570</td>
<td>192</td>
<td>576</td>
<td>5.5” X 8”</td>
</tr>
<tr>
<td>790</td>
<td>648</td>
<td>1728</td>
<td>7.5” X 10”</td>
</tr>
</tbody>
</table>

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570 SERIES

570 DIELECTRIC END PLATE:
- 6 Cable Entry Ports
  - 4 Backbone ports accept cable up to 0.875” OD
  - 2 Lateral ports accept up to 0.750” OD

570 ISOLATED GROUND END PLATE:
- 6 Isolated Ground Ports
  - 4 Backbone ports accept cable up to 0.875” OD
  - 2 Lateral ports accept up to 0.750” OD
- Connect or disconnect armor grounds on outside of the closure
- Water tight compression connector seals around ground wires

570 OPGW END PLATE:
- 6 Cable Entry Ports
  - 4 OPGW ports accept up to 0.687” OD
  - 2 ADSS or buried lateral cable ports accept up to 0.750” OD
- OPGW clamping system has substantial torque resistance and 1000 lbs pull out strength

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790 DIELECTRIC END PLATE:
- 8 Cable Entry Ports
  - 4 Backbone ports accept cable up to 1.250” OD
  - 4 Lateral ports accept up to 0.875” OD

Image shown with optional Express Bracket

790 ISOLATED GROUND END PLATE:
- 8 Isolated Ground Ports
  - 4 Backbone ports accept cable up to 1.250” OD
  - 4 Lateral ports accept up to 0.875” OD
- Connect or disconnect armor grounds on outside of the closure
- Water tight compression connector seals around ground wires

Image shown with optional Express Bracket

790 OPGW END PLATE:
- 8 Cable Entry Ports
  - 4 OPGW ports accept up to 1.125” OD
  - 4 ADSS or buried lateral cable ports accept up to 0.875” OD
- OPGW clamping system has substantial torque resistance and 1000 lbs pull out strength
### CLOSURE ORDERING INFORMATION

#### ADSS OR ISOLATED GROUND END CAP

<table>
<thead>
<tr>
<th>Hubbell Prefix</th>
<th>Closure Type</th>
<th>Closure Size</th>
<th>Tray Capacity</th>
<th>Express Bracket (790 only)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>A - ADSS</td>
<td>570</td>
<td>S - Standard for 12, 18, 24</td>
<td>EB - Optional</td>
</tr>
<tr>
<td></td>
<td>I - Isolated Grounds</td>
<td>790</td>
<td>W - Wide for 36, 48, 54 (790 only)</td>
<td></td>
</tr>
</tbody>
</table>

**Example Part Number:** PSCA790WEB

#### OPGW END CAP

<table>
<thead>
<tr>
<th>Hubbell OPGW Prefix</th>
<th>Closure Size</th>
<th>Number of OPGW Ports</th>
<th>Outer Diameter of OPGW</th>
<th>Diameter of Al Tube</th>
<th>Tray Capacity</th>
<th>Express Bracket (790 only)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>570</td>
<td>4 Maximum</td>
<td>Decimal Inches</td>
<td>Decimal Inches (if SS Tubes, “000”)</td>
<td>S - Standard for 12, 18, 24</td>
<td>EB - Optional</td>
</tr>
<tr>
<td></td>
<td>790</td>
<td></td>
<td></td>
<td></td>
<td>W - Wide for 36, 48, 54 (790 only)</td>
<td></td>
</tr>
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</table>

**Example Part Number:** PSCO7904300000WEB

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# SPLICE TRAYS

<table>
<thead>
<tr>
<th>OPTION #</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>1</td>
<td>PSC20512</td>
<td>12 FIBER STANDARD SPLICE TRAY SINGLE FIBER SPLICE</td>
</tr>
<tr>
<td>2</td>
<td>PSC20518</td>
<td>18 FIBER STANDARD SPLICE TRAY SINGLE FIBER SPLICE</td>
</tr>
<tr>
<td>3</td>
<td>PSC20524</td>
<td>24 FIBER STANDARD SPLICE TRAY SINGLE FIBER SPLICE</td>
</tr>
<tr>
<td>4</td>
<td>PSC20536</td>
<td>36 FIBER WIDE SPLICE TRAY FOR 790 ONLY</td>
</tr>
<tr>
<td>4</td>
<td>PSC20548</td>
<td>48 FIBER WIDE SPLICE TRAY FOR 790 ONLY</td>
</tr>
<tr>
<td>4</td>
<td>PSC20554</td>
<td>54 FIBER WIDE SPLICE TRAY FOR 790 ONLY</td>
</tr>
<tr>
<td>5</td>
<td>PSC205144</td>
<td>SPLICE TRAY 144 RIBBON FIBER W/ HEAT SHRINK FUSION CHIP</td>
</tr>
<tr>
<td>6</td>
<td>PSC20514TT</td>
<td>TRANSITION TRAY FOR SEPARATING FIBERS (SINGLE OR RIBBON)</td>
</tr>
<tr>
<td>1, 2, 3, 4</td>
<td>PSC10002P50</td>
<td>HEAT SHRINK SLEEVE SINGLE FUSION 2.375” LENGTH (qty 50)</td>
</tr>
<tr>
<td>5</td>
<td>PSC10002FP50</td>
<td>HEAT SHRINK SLEEVE MASS FUSION 1.5” LENGTH (qty 50)</td>
</tr>
</tbody>
</table>

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MOUNTING OPTIONS AND ACCESSORIES

<table>
<thead>
<tr>
<th>OPTION #</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>PSC570AB</td>
<td>570 AND 790 AERIAL HANGING BRACKET ADJUSTABLE</td>
</tr>
<tr>
<td>2</td>
<td>PSC700VCB</td>
<td>VERTICAL CLOSURE BRACKET FOR POLE OR WALL MOUNT</td>
</tr>
<tr>
<td>3A</td>
<td>PSC730CB</td>
<td>COIL STORAGE BRACKET 60” FOR OPGW USED WITH VERTICAL CLOSURE BRACKET</td>
</tr>
<tr>
<td>3B</td>
<td>PSC730CB3</td>
<td>COIL STORAGE BRACKET 30” FOR ADSS USED WITH VERTICAL CLOSURE BRACKET</td>
</tr>
<tr>
<td>4A</td>
<td>PSC570BRC</td>
<td>570 14GA STAINLESS STEEL BULLET RESISTANT CANNISTER</td>
</tr>
<tr>
<td>4B</td>
<td>PSC790BRC</td>
<td>790 14GA STAINLESS STEEL BULLET RESISTANT CANNISTER</td>
</tr>
<tr>
<td>5</td>
<td>PSC730TPMB</td>
<td>TOWER POST MOUNTING BRACKET</td>
</tr>
</tbody>
</table>

ADD-ONS AND ACCESSORIES

- PSC570IGCBO: 570 CABLE BUILD OUT KIT FOR 2 ADDITIONAL ARMORED CABLES W/ GROUNDS
- PSC570ADCBO: 570 CABLE BUILD OUT KIT FOR 2 ADDITIONAL DIELECTRIC CABLES
- PSC790IGCBO: 790 CABLE BUILD OUT KIT FOR 2 ADDITIONAL ARMORED CABLES W/ GROUNDS
- PSC790ADCBO: 790 CABLE BUILD OUT KIT FOR 2 ADDITIONAL DIELECTRIC CABLES
- PSCO570CB0xxxxy: 570 CABLE BUILD OUT KIT FOR 2 ADDITIONAL ARMORED CABLES W/ GROUNDS
- PSCO790CB0xxxxy: 790 CABLE BUILD OUT KIT FOR 2 ADDITIONAL ARMORED CABLES W/ GROUNDS
- PSC57010CK: 570 CONDUIT KIT
- PSC79010CK: 790 CONDUIT KIT
- PSC730PKS4: OPGW POTTING KIT FOR UP TO 4 TRAYS (2-LARGE POTTING KIT MOLDS (>0.750”), 2-48” NYLON TUBES, 6-8” POLY TUBES)
- PSC730PKS8: OPGW POTTING KIT FOR UP TO 8 TRAYS (2-LARGE POTTING KIT MOLDS (>0.750”), 16-48” NYLON TUBES, 6-8” POLY TUBES)

OPTION 1

OPTION 2

OPTION 3A & B

OPTION 4A & B

OPTION 5

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