3M™ Pressurized Closures 51P Series

The 3M™ Pressurized Closures 51P Series offers a complete pressure-tight closure system for protecting spliced communication cables in a wide range of applications.

Features
- Constructed from impact and corrosion resistant plastic
- Grounding harness is pre-attached to the closure half
- Provides ultra-violet protection
- Available with internal or external sheath retention
- All assembly bonding and mounting hardware is included in kit
- Lightweight
- Pressure tight
- Reenterable and reusable
- Piece parts available
- RoHS Compliant*

Applications
- Aerial
- Handhole
- Underground

Sizes
- Three sizes will accommodate cable diameters for 0.4” (10 mm) to 2.8” (71 mm) and splices up to 1800 pairs
- May be used for sheath openings of 13” (330 mm) or less to a maximum of 19” (483 mm)
- Can be used in straight or branch splice configurations

3M Pressurized Closure 51P Series Specifications

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Sheath Opening In. (mm)</th>
<th>Max. Cable Dia. 24 Ga.</th>
<th>Max. Number of Cable Pairs 26 Ga.</th>
<th>Inside Diameter In. (mm)</th>
<th>(L) Length In. (mm)</th>
<th>(H) Height In. (mm)</th>
<th>(W) Width In. (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>51AA3P-510</td>
<td>13” (330)</td>
<td>1.0” (25)</td>
<td>100 200</td>
<td>3.0” (76)</td>
<td>21.5” (546)</td>
<td>5.5” (140)</td>
<td>4.5” (114)</td>
</tr>
<tr>
<td>51B3P-510</td>
<td>19” (483)</td>
<td>1.6” (25)</td>
<td>400 600</td>
<td>5.0” (127)</td>
<td>28.5” (724)</td>
<td>8.0” (203)</td>
<td>5.5” (140)</td>
</tr>
<tr>
<td>51D3P-510</td>
<td>19” (483)</td>
<td>2.8” (25)</td>
<td>1500 1800</td>
<td>7.25” (184)</td>
<td>28.5” (724)</td>
<td>10.25” (260)</td>
<td>7.75” (197)</td>
</tr>
</tbody>
</table>

* Maximum number of cable pairs based on using 25-pair modular connectors for in-line splice.
Note: 24 gauge=0.51 mm, 26 gauge=0.40 mm
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Kit contents:
1. Cover assembly with bond braid and insulation (attached)
2. Universal slotted washers for sealing cable entrances and internal sheath retention
3. Foam tape for internal sheath retention
4. Internal sheath retention assembly
5. Sealing tape for cable collar build up
6. 3M™ Scotchlok™ Shield Bond Connectors
7. External grounding ribbon
8. Pressure valve with nut and washer
9. Sealing cord for sealing cover halves
10. Transparent splice wrap
11. Cable ties to secure transparent wrap
12. Cable ties to secure back cover half
13. Aerial hanger assembly
14. Solid bond connector and nut
15. Solvent cleaning wipes
16. Plastic gloves
17. Cable sheath scuff
18. Cable diameter measuring tape
19. Installation instructions (not shown)

Ordering Information

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Description</th>
<th>3M ID</th>
<th>Min. Order</th>
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</thead>
<tbody>
<tr>
<td>51AA3P-510</td>
<td>Inline/branch closure for up to 200 pair</td>
<td>80-6110-4195-7</td>
<td>1</td>
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<tr>
<td>51B3P-510</td>
<td>Inline/branch closure for up to 600 pair</td>
<td>80-6110-4200-5</td>
<td>1</td>
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<tr>
<td>51D3P-510</td>
<td>Inline/branch closure for up to 1800 pair</td>
<td>80-6110-4204-7</td>
<td>1</td>
</tr>
</tbody>
</table>

*RoHS 2011/65/EU* means that the product or part does not contain any of the substances in excess of the maximum concentration values (“MCVs”) in EU RoHS Directive 2011/65/EU. The MCVs are by weight in homogeneous materials. This information represents 3M’s knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to 3M.

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