3M™ Direct Bury Splice DBR/Y-6

Instructions

600 V Maximum
Application Temperature 32°F - 120°F (0°C - 49°C)
Maximum Operating Temperature 221°F (105°C)

UL Standard 486D, 3M File No E102356
For use in damp, wet, direct bury, and submersible locations

Meets European Standard EN 61984
Applicable ratings under this standard: IP68, Pollution Degree 3

Installation

1. Strip Insulation 3/4”.

![Diagram 1]

2. With wire ends even, insert wires into the connector and tighten until secure.

![Diagram 2]

3. Insert the connector all the way into the tube until the connector rests on the bottom.

![Diagram 3]

Note: If having difficulty getting the twist-on connector down into the tube when using small gauge wires, use a thin, non-conductive object to push the connector to the bottom of the tube. Upon removal of the object, ensure that no voids or water paths remain in the grease.

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4. Fold the wires into the channels.

5. Close the cap.

Common AWG Combinations

<table>
<thead>
<tr>
<th>Combination</th>
<th>Common AWG Combinations</th>
</tr>
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<tbody>
<tr>
<td>2 – 7 #18</td>
<td>1 – 3 #12 w/ 1 #18</td>
</tr>
<tr>
<td>2 – 6 #16</td>
<td>1 – 2 #10 sol w/ 1 #18 str</td>
</tr>
<tr>
<td>2 – 4 #14</td>
<td>1 – 3 #12 w/ 1 #16</td>
</tr>
<tr>
<td>2 – 4 #14</td>
<td>1 – 2 #10 w/ 1 #16</td>
</tr>
<tr>
<td>2 – 3 #10</td>
<td>1 – 2 #14 w/ 1 #18</td>
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</tbody>
</table>

Copper Wire Only, Solid or Stranded* unless noted

*See data sheet for all combinations.

No adverse health effects expected; for professional or industrial use only.
Contains white mineral oil grease, CAS# 8042-47-5

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