

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



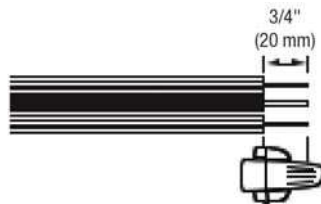
Meets European Standard EN 61984
Applicable ratings under this standard: IP68, Pollution Degree 3

Installation

CAUTION

Working around energized high-voltage systems may cause serious injury or death. Installation should be performed by personnel familiar with good safety practice in handling high-voltage electrical equipment. De-energize and ground all electrical systems before installing product.

1. Strip Insulation 3/4" (20 mm).



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



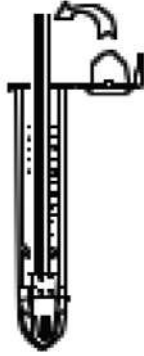
3. Insert the connector all the way into the tube until the connector rests on the bottom.



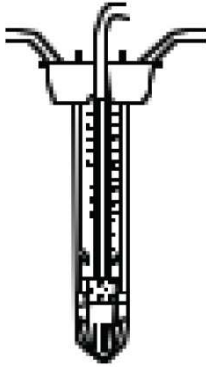
Note: If having difficulty getting the twist-on connector down into the tube when using small gauge wires, use a thin, non-conductive object to push the connector to the bottom of the tube. Upon removal of the object, ensure that no voids or water paths remain in the grease.

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4. Fold the wires into the channels.



5. Close the cap.



**Common AWG Combinations
Copper Wire Only, Solid or Stranded* unless noted**

2 – 7 #18	1 – 3 #12 w/ 1 #18
2 – 6 #16	1 – 2 #10 sol w/ 1 #18 str
2 – 4 #14	1 – 3 #12 w/ 1 #16
2 – 4 #14	1 – 2 #10 w/ 1 #12
2 – 3 #10	1 – 2 #14 w/ 1 #18

*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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Electrical Markets Division
6801 River Place Blvd.
Austin, TX 78726-9000
800.245.3573
Fax 800.245.0329
www.3M.com/electrical

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