

# Direct Bury Splice Connectors

## 3M® DBO/B-6 and DBR/Y-6 Direct Burial Splice Connector Features:


**ISO 9002**


HDBR/Y-6 Splice Tube  
and Connector



### Specifications:

Maximum voltage rating:  
600 volts.

UL Listed, File No. E102356  
UL Listed 98U1

UL Standard 486D

Application temperature:  
32°F to 120°F

Operating temperature:  
-40°F to 221°F.

### Construction:

Tube: Impact and UV  
Resistant Polypropylene  
Grease: 711B (DBO) Mineral Oil  
Based, EG3 (DBR)

O/B+ or R/Y+ Connector: Steel  
Spring, Flame Retardant  
Insulator

UL Listed for Direct Burial, Rated for 600V.

Replaces existing 3M DBY, DBR, DBY6, DBR6, DBR/Y.

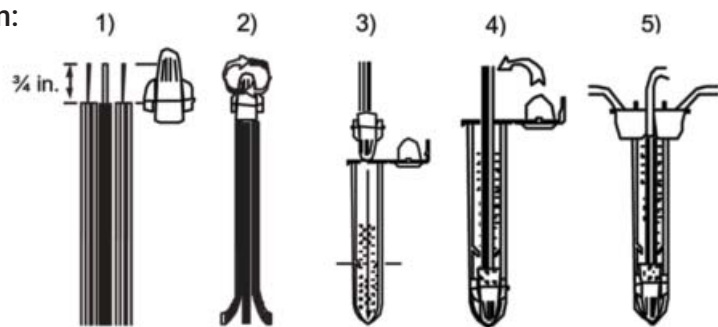
- Electrically connects two or more pre-stripped copper wires
- Provides moisture seal of the connections for the direct burial.
- Ideal for splicing wires and cables in irrigation and low voltage lighting systems.
- For residential, commercial, golf and other green industry applications.
- Smaller profile DBO/B-6 Series connectors are used when a larger size range of wires is not needed.
- May be installed above or below ground, inside a valve box or buried next to a valve-in-head sprinkler or light fixture.
- Not recommended for submersible applications.
- Each kit includes a 3M Performance Plus quick biting wire connector O/B+ or R/Y+ and a high impact, UV resistant polypropylene tube prefilled with moisture-resistant grease.
- The gel filled tube includes a lid that compresses the wire insulation when closed. This applies pressure, known as "strain relief" that keeps the connection inside the tube when the wires are pulled-upon. The connector tube includes channels for three sets of wires.
- 3M Electrical products are manufactured for AGI in an ISO 9002 facility.

### Common AWG Wire Combinations - CV only

DBO		DBR	
2-3 #16 sol/str	1 #18 to 1-2 #14 sol/str	2 - 7 #18	1-3 #12 w/ 1 #18
2-3 #14 sol/str	1 #18 to 1-2 #12 sol/str	2 - 6 #16	1-2 #10 w/ 1 #18
2 #12 sol/str	1 #16 to 1-2 #14 sol/str	2 - 4 #14	1-3 #12 w/ 1 #16
1 #14 to 1 #12 sol/str	1 #16 to 1-2 #12 sol/str	2 - 4 #12	1-2 #10 w/ 1 #12
		2 - 3 #10	1-2 #14 w/ 1 #18

See complete chart of combinations on reverse.

### Installation:



Part Number	Description	Ctn Qty	Pallet Qty	List Price
CHDBO/B-6	3M® Direct Bury Splice Kit, Bulk	100		\$ 9.05
CHDBR/Y-6	3M® Direct Bury Splice Kit, Bulk	100	7500	<b>5.61</b>
HDBR/Y2-6	3M® Direct Bury Splice Kit, 2 per package	25	-	<b>13.26</b>