

3M™ Direct Bury Splice Kit

P7364D

3M PART# DBO/B-6
DBR/Y-6



1.0 USE

- 1.1** The 3M™ Direct Bury Splice Kits are used to electrically connect two or more pre-stripped copper wires and moisture seal the connection for direct burial. It includes the 3M “Performance Plus” Electrical Spring Connector and a high impact, UV-resistant polypropylene tube prefilled with moisture-resistant gel. They are ideal for splicing wires and cables in irrigation and Low Voltage Lighting systems. For residential, commercial, golf, and other green industry applications.

2.0 PACKAGING

Paige Part Number		270672	270673	270674	270675
3M Part Number		DBR/Y-6 Bul	DBR/Y-6 Kit	DBO/B-6 Bulk	DBO/B-6 Kit
Description		Bulk pack of 100 each gel-fill 8 0°ed tubes and twist-on connectors.	25 Kits in a plastic bag, 2 gel-filled tubes and 2 twist-on connectors per bag.	Bulk pack of 100 each gel-filled tubes and twist-on connectors.	25 Kits in a plastic bag, 2 gel-filled tubes and 2 twist-on connectors per bag.
Case Data	Weight, lb (Kg)	5.1 (2,3)	3.5 (1,6)	5.0 (2,3)	3.5 (1,6)
	Dimensions, in (cm)	14.25 x 7.625 x 7.5 (36 x 19 x 19)	13x7.6x6 (33x19x15)	13x7.6x6 (33x19x15)	13x7.6x6 (33x19x15)
Pallet Data	Quantities	75 cases, 7,500 tubes	133 cases, 6,650 tubes (3,325 kits-of-2)	133 cases, 13,300	133 cases, 6,650 tubes (3,325 kits-of-2)
	Weights, lb (Kg)	402 (183)	485 (221)	665 (302)	466 (212)
	Dimensions, in (cm)	48 x 42 x 43 (122 x 107 x 109)	48 x 42 x 47.5 (122 x 107 x 121)	42 x 42 x 48 (107 x 107 x 122)	42 x 42 x 48 (107 x 107 x 122)
	Volume, ft3 (m3)	50.2 (1,42)	55.4 (1,57)	50.2 (1,42)	50.2 (1,42)

3.0 FEATURES

- 3.1 REDUCES INVENTORY AND SKUS:**
Replaces the following 3M connectors: DBY, DBR, DBY-6, DBR-6, DBR/Y, DBY-Kit, DBR-Kit, DBY-6-Kit, DBR-6-Kit, DBR/Y-Kit.
- 3.2 RATED FOR 600 VOLTS:**
Two connectors for most connections required in irrigation (conventional and decoder types) and landscape lighting systems. Listed under UL486D for USA and Canada, File E102356. Meets Directive 2006/95/EC and IEC standards EN61984:2009, EN60998-1:2004, and EN60998-2-4:2005.
- 3.3 BULK OR KITS-OF-TWO CONNECTORS:**
Replaces the following 3M connectors: DBY, DBR, DBY-6, DBR-6, DBR/Y, DBY-Kit, DBR-Kit, DBY-6-Kit, DBR-6-Kit, DBR/Y-Kit.
- 3.4 WATER PROOF AND SUNLIGHT RESISTANT:**
The DBR/Y-6 may be installed above or below ground, inside a “valve box” or buried next to a valve-in-head sprinkler or light fixture, or submerged in water. Not to be used in continuous submersion applications.
- 3.5 STRAIN RELIEF:**
The gel-filled tube includes a lid that compresses the wire insulation when closed. This applies a 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.
- 3.6 OPERATING TEMPERATURE:**
-40°F to 221°F (-40°C to 105°C)
- 3.7 MADE IN THE USA BY THE 3M COMPANY:**
Unquestioned quality by a name you can trust!



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It makes a fast and reliable mechanical connection over a wide temperature range. The R/Y+ connector locks in place when inserted into the gel-filled tube. It accepts a multitude of direct burial copper wire combinations, as listed in the Table below.

Metric Wire Combination		
	Quantity	
Size (mm2)	DBR/Y-6	DBO/B-6
0.5	5-8	4-6
0.75	3-7	3-6
1.0	2-8	2-6
1.5	2-7	2-4
2.5	2-5	2-3
4.0	2-4	-
6.0	2	-

* Only AWG wire combinations are UL listed or CSA certified

[illegible]

Example:
2 #10 solid
plus 1 #12 stranded

