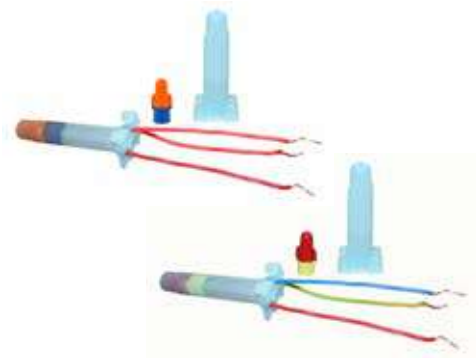


### 3M™ Direct Bury Splice Kits DBO/B-6 and DBR/Y-6

The 3M™ Direct Bury Splice Kits DBO/B-6 and DBR/Y-6 are used to electrically connect two or more pre-stripped copper wires and moisture seal the connection for direct burial. The DBO/B-6 kit includes a 3M™ Performance Plus Wire Connector O/B+ and a high impact, UV-resistant polypropylene tube prefilled with moisture-resistant grease and is flame retardant. The DBR/Y-6 kit includes a 3M™ Performance Plus Wire Connector R/Y+ and a high impact, UV-resistant polypropylene tube prefilled with moisture-resistant grease.



#### Applications

- > Wiring up to 600 V in water-intensive applications such as golf courses, irrigation controls and outdoor lighting.

Product	Order Code	Conductor Size	Connector Style	Common Wire Combinations (Copper only)*	Flame Retardant	Maximum Voltage Rating	Maximum Operating Temperature
DBO/B-6 BULK	3M079	0.75 mm <sup>2</sup> - 2.5 mm <sup>2</sup>	Direct Bury	2 x 1.0 mm <sup>2</sup> to 3 x 2.5 mm <sup>2</sup>	Yes	600 V	105°C
DBR/Y-6 BULK	3M078	1.0 mm <sup>2</sup> - 6.0 mm <sup>2</sup>	Direct Bury	2 x 1.0 mm <sup>2</sup> to 3 x 4.0 mm <sup>2</sup>	Yes	600 V	105°C

### 3M™ Scotchlok™ Moisture Resistant Connectors 314 and 316IR

3M™ Scotchlok™ Connectors 314 and 316IR are used to electrically connect two or three wire ends, insulate the connection, and provide a moisture resistant seal. 316-IR is recommended for use with low energy underground circuit wires, sprinkler systems, landscape lighting or other moisture-resistant applications less than 600 volts.



#### Recommended installation tool:

3M™ Scotchlok™ Crimp Tool E-9BM or Multigrip (Slip Joint) Pliers

Product	Order Code	Colour	Connector Size	Maximum Insulation Diameter	Flame Retardant	Maximum Voltage Rating	Maximum Operating Temperature
314 (50 bag)	3M072	Blue Cap, White Body	0.5 - 1.5 mm <sup>2</sup> Solid/Stranded	3.8 mm	Yes	600 V	105°C
316IR	POA	Black Cap, White Body	0.5 - 1.5 mm <sup>2</sup> Solid/Stranded	3.9 mm	Yes	600 V	105°C

### 3M™ Scotchlok™ Butt Connector UAL

The UAL connector is a sealed, moisture resistant two or three wire insulation displacement connector. Outside ports accept solid copper, aluminium or a combination of both.



#### Recommended installation tool:

3M™ Scotchlok™ Crimp Tool E-9BM or Multigrip (Slip Joint) Pliers

Product	3M Order Code	Colour	Conductor Size	Maximum Insulation Diameter	Flame Retardant	Maximum Operating Temperature
UAL	POA	Clear	0.5 - 1.2 mm	Outside port: 2.1 mm Centre port: 1.9 mm	No	140°C