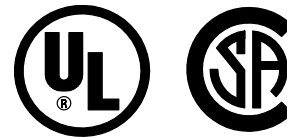


DBR-6 Direct Bury Splice Kit 600 Volts



Application

Use part DBR-6, which includes a Scotchlok™ R electrical spring connector, to electrically connect two or more pre-stripped copper wire ends in a pigtail application and moisture seal the connection for direct burial.

Wire

Common AWG wire combinations (copper wire only, solid or stranded).

2 – 3 #10	1 #10 to 1 #12
2 – 4 #12	1 #12 to 1 – 3 #14
3 – 4 #14	1 #12 to 2 – 3 #16
4 – 6 #16	1 #14 to 2 – 3 #16

See page two for complete table of UL Listed combinations.

Regulatory Agencies:

UL Listed as a Wire Connector System For Use With Underground Conductors.

UL File No. E102356

Tested per UL Standard 486D

CSA Certified as a Underground Cable Splicing Kit

CSA File No. LR91920

Tested per CSA Standard C22.2 No.198.2.

Engineering Specification:

The device, 3M Brand DBR-6 Direct Bury Splice Kit, shall splice and effectively moisture seal two or more conductors. The electrical connector shall be a Scotchlok™ R. The device shall be installed per manufacture's instructions and all applicable codes. The device shall be UL Listed as a Wire Connector System For Use With Underground Conductors.

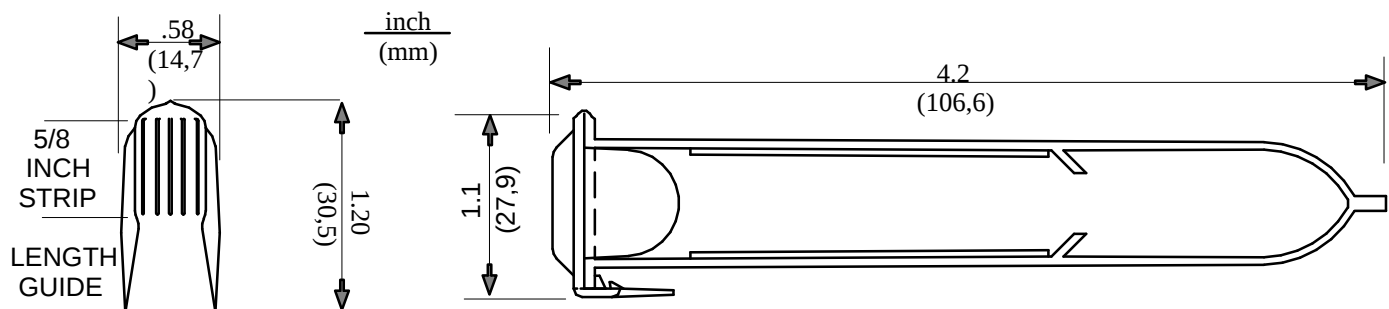
Construction:

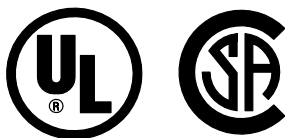
Connector:	Steel spring, metal shell, flame retardant pvc insulator
Tube:	Polypropylene
Gel:	Silicone electrical insulating gel

Application Data:

Application Temperature:	32°F to 120°F (0°C to 49°C)
Operating Temperature:	221°F to –40°F (105°C to –40°C)
Voltage Rating:	600 Volts
Weight of one kit (2 splices):	.0990 lbs (44,94 gm)
Storage:	Do not store above 120°F (49°C)

Not for use in direct ultraviolet exposure.





WIRE COMBINATIONS

AWG CU TO CU ONLY

EXAMPLE 1

HOW TO READ THIS CHART

EXAMPLE 1: 5 No 18 sol +

EXAMPLE 2: 1 No 10 str +

2 No 12 sol

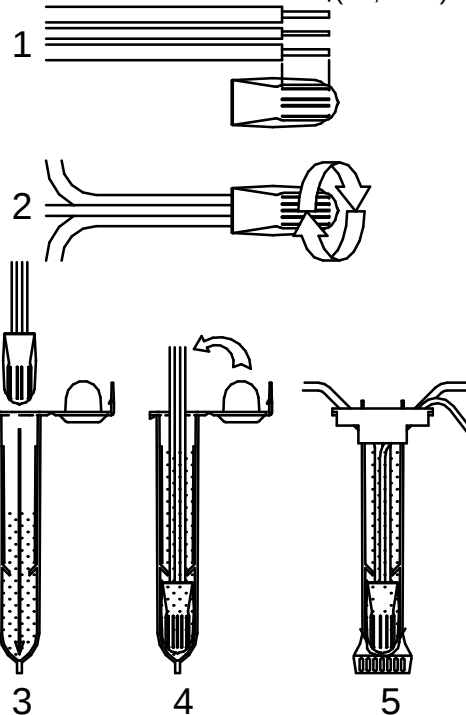
EXAMPLE 2

Instruction

For Use:

5/8 inch

(15,9mm)



All wire combinations are 600 volt UL Listed when using insulation thickness such as TW and THHN.

METRIC WIRE COMBINATIONS

Cross Section Capacity

Minimum

5.0mm²

Maximum

16,0mm²

Copper conductors only

Not UL Listed or
CSA Certified

Conductor Combinations

Quantity

5

4

2

2

Size

 1.0mm^2

1,5mm²

2,5mm²

4,0mm²

Type

sol/str

sol/str

sol/str

sol/str

IMPORTANT NOTICE TO PURCHASER:

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