



APPLIANCE WIRING MATERIAL

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Style 2835 Multiple-Conductor Cable Using Extruded
Non-Integral Jacket

Rating 60 deg C, 30 Vac, Cable flame for Use No. 1B and 2B, Horizontal flame for Use No. 1A and 2A.

Conductor 40 AWG minimum.

Insulated Conductor Material not specified for Use No. 1A or 1B. Labeled or complies with manufacturer's Procedure for Use No. 2A or 2B.

Assembly Two or more conductors, twisted pairs, or groups of twisted conductors. The conductors may be laid parallel or twisted together to form a flat, oval, or round cable construction. Lay not specified. Barrier layer and/or fillers optional. May use same or mixed AWG sizes. Manufacturer shall maintain a complete description of each assembly.

Covering Optional. Extruded PVC, 5 mils minimum thickness at any point, over the assembly or groups of singles.

Shield Optional. May be over one or more of the insulated conductors or applied over the assembly.

Jacket Extruded PVC. If parallel construction is rippable, the measurements are made after ripping.

<u>Diameter of cable under jacket*</u>	<u>Minimum average thickness</u>	<u>Minimum thickness at any point</u>	
0.250 inch or less (1A)	2A only)	15 mils	13 mils
0.250 inch or less (1B)	2B only)	30 mils	27 mils
0.251-0.424 inch	30 mils	27 mils	
0.425-0.700 inch	60 mils	48 mils	
0.701-1.500 inch	80 mils	64 mils	
1.501-2.500 inch	110 mils	88 mils	

2.501 inch or 140 mils 112 mils
larger

* = Major diameter if flat or oval construction.

Standard Appliance Wiring Material UL 758.

Marking General.

Use Use No. 1A:, Internal wiring in Class 2 circuits of electronic equipment where each end is terminated in connectors.; Use No. 1B:, CABLES - using 30 mils or greater jacket thickness only: External interconnection or internal wiring in Class 2 circuits of electronic equipment where each end is terminated in connectors.; Use No. 2A:, Internal wiring in Class 2 circuits of electronic equipment where not routed along walls, floors, or other abuse areas.; Use No. 2B:, CABLES - using 30 mils or greater jacket thickness only: External interconnection or internal wiring in Class 2 circuits.

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